

July 18, 2025

**New Mexico Energy Minerals and Natural Resources Department** 

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

Gaucho Unit #017H

Incident Number nAPP2505549541

Lea County, New Mexico

# To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Gaucho Unit #017H (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water and crude oil onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2505549541.

#### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit P, Section 19, Township 22 South, Range 34 East, in Lea County, New Mexico (32.370479°, -103.502016°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On February 21, 2025, the stuffing box on the wellhead started leaking, resulting in the release of approximately 30 barrels (bbls) of produced water and 64 bbls of crude oil onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 21 bbls of produced water and 54 bbls of crude oil were recovered from the pad surface. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal February 24, 2025, and submitted a Release Notification Form C-141 on February 26, 2025. The release was assigned Incident Number nAPP2505549541. The Form C-141 can be referenced on the NMOCD Portal.

# SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, New Mexico 88220 | ensolum.com



The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP 01990 POD1, located approximately 284 feet west of the Site; the well was drilled to assess depth to water. CP 01990 POD1 had a reported depth to groundwater greater than 60 feet below ground surface (bgs) and a total depth of 60 feet bgs; the well was subsequently plugged and abandoned following the depth to water assessment. The NMOSE online database has well CP 01631 listed on the website; however there is no log file available for this well and no such well can be identified within 1,000 feet of the Site. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 1.85 miles southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

#### SITE ASSESSMENT ACTIVITIES

On February 28, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Thirteen preliminary soil samples (SS01 through SS13) were collected around the release extent at ground surface to assess the lateral extent of the impacted area and 14 boreholes (BH01 through BH14) were advanced within the release extent to assess the vertical extent of impacted soil. Additional lateral and vertical delineation soil sample locations were added to determine if the overspray extended beyond the visible mist zone onpad. Boreholes BH01 and BH02 were advanced to a depth of 1-foot bgs, BH03 and BH04 were advanced to a depth of 7 feet bgs, and BH05 through BH08 were advanced to a depth of 0.5 feet bgs. Boreholes (BH09 through BH14) were advanced to a depth of 0.5 feet bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release. The preliminary soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographs of field activities are included in Appendix B. Field screening results and observations for the boreholes greater than 0.5 feet in depth were logged on lithologic/soil sampling logs, which are included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-



of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

# **EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES**

Beginning on May 23, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a hydro-vac, tracked excavator, loader, hand digging, and belly dump trucks. The excavation occurred on the north and west sides of the wellhead. To direct excavation activities, Ensolum personnel screened soil for chloride and TPH in the same manner previously described.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at most, 400 square feet from the floor of the excavation. A confirmation sampling variance request was submitted on April 4, 2025, to increase the sampling area to every 400 square feet from the floor of the excavation and every 200 square feet from the sidewalls of the excavation, where applicable. The confirmation sampling variance request was approved via email on April 4, 2025. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS49) were collected from the floor of the excavation at depths ranging from 0.5 feet to 9 feet bgs. Composite sidewall soil samples (SW01 through SW09) were collected from the sidewalls of the excavation at depths ranging from ground surface to 9 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

Ensolum personnel returned to the Site on June 12, 2025, to advance the excavation and recollect three confirmation floor samples, FS12, FS15, and FS26, in accordance with the reclamation requirement. The final excavation extent measured approximately 19,081 square feet. A total of approximately 1,280 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS13 indicated all COC concentrations were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for boreholes BH01 and BH02 indicated all COCs were in compliance with the strictest Closure Criteria at 1-foot bgs. Laboratory analytical results for boreholes BH03 and BH04 indicated all COCs were in compliance with the strictest Closure Criteria at 7 feet bgs. Laboratory analytical results for boreholes BH06 and BH08 indicated all COCs were in compliance with the strictest Closure Criteria at 0.5 feet bgs. Laboratory analytical results for boreholes BH05, BH07, and (BH09 through BH14) indicated all COCs were in compliance with the strictest Closure Criteria at ground surface level and 0.5 feet bgs. The off-pad area was delineated to assess for any potential impacts; however, COCs were not detected, confirming the absence of impacts to the off-pad area and not requiring remedial actions.

Laboratory analytical results for excavation floor soil samples FS01 through FS49 collected at depths ranging from ground surface to 4 feet bgs indicated all COC concentrations were compliant with the Site Closure Criteria. Confirmation floor samples FS12, FS15 and FS26 were advanced to a depth of 0.25 feet bgs in accordance with the strictest Closure Criteria. Laboratory analytical results for sidewall



soil samples SW01 through SW09, collected at depths ranging from ground surface to 9 feet bgs, indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 4 and the complete laboratory analytical reports are included as Appendix D.

#### **CLOSURE REQUEST**

Site assessment and excavation activities were conducted at the Site to address the February 2025 release of produced water and crude oil. Laboratory analytical results for the excavation floor soil samples (FS01 through FS49) and sidewall soil samples (SW01 through SW09) indicated all COC concentrations were in compliance with Site Closure Criteria and in compliance with the reclamation requirement in the top 4 feet of soil, where applicable. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 60 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions are protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2505549541.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,

**Ensolum, LLC** 

Ashley Giovengo Associate Principal

Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

### **Appendices:**

Site Receptor Map
Delineation Soil Sample Locations
Excavation Soil Sample Locations
Soil Sample Analytical Results (Delineation Soil Samples)
Soil Sample Analytical Results (Excavation Floor Soil Samples)
Soil Sample Analytical Results (Sidewall Soil Samples)
Soil Sample Analytical Results (Backfill Soil Sample)

Appendix A Well Log and Record Appendix B Photographic Log

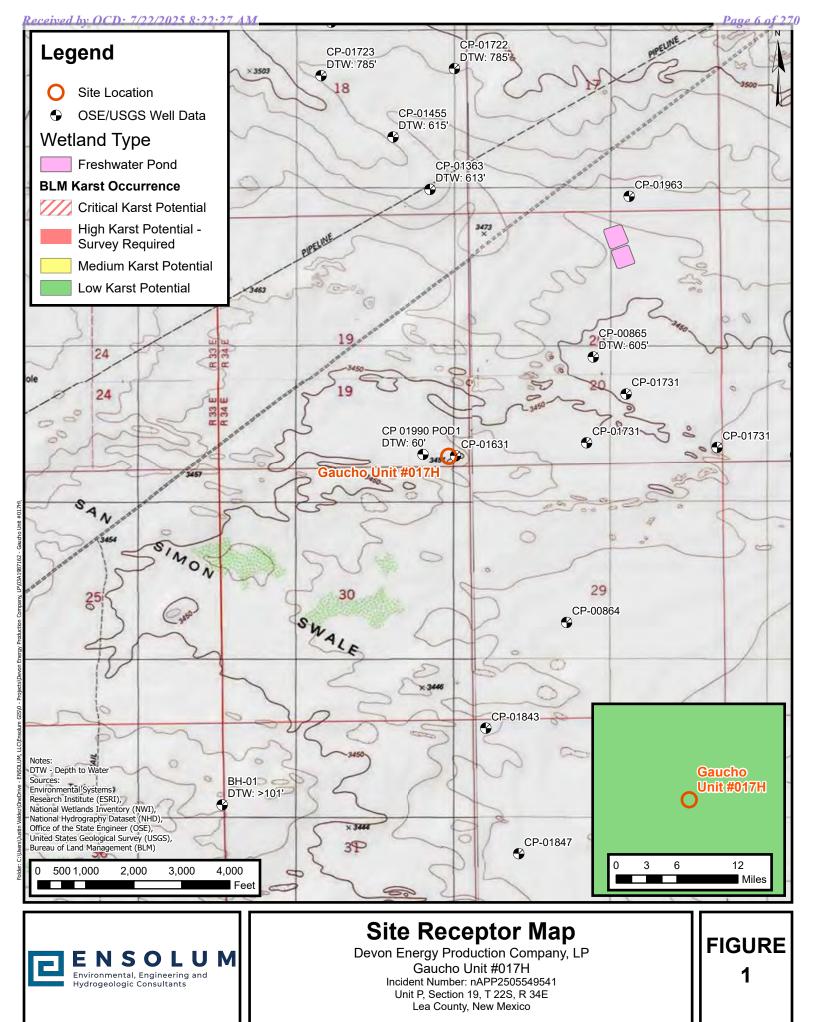
Appendix C Lithologic / Soil Sampling Logs

Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

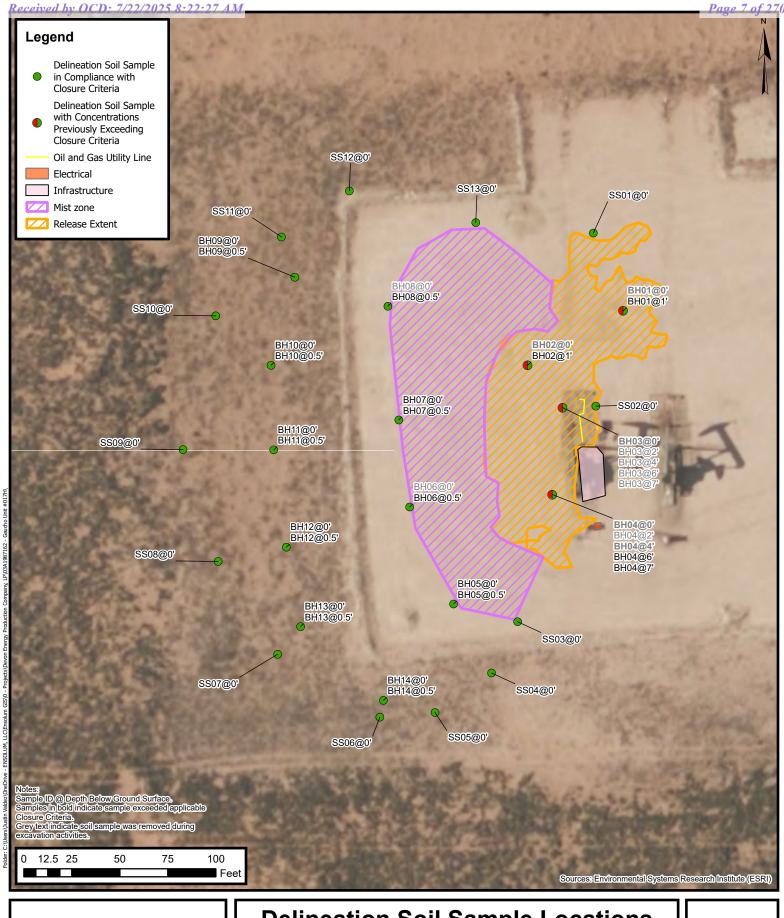
Appendix E NMOCD Correspondence



**FIGURES** 



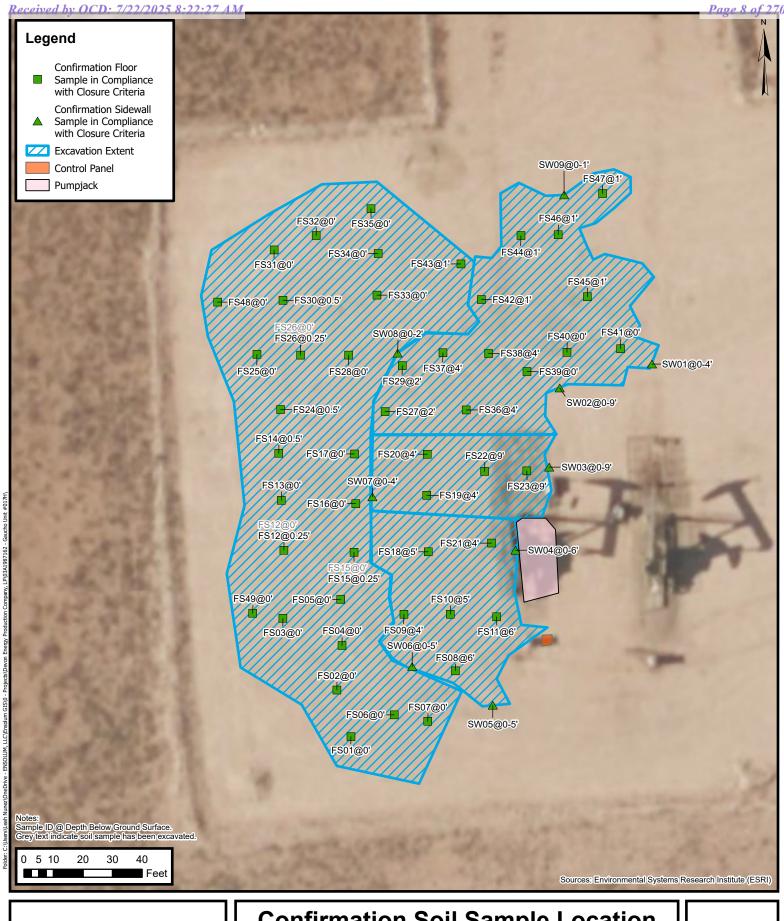
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# **Delineation Soil Sample Locations**

Devon Energy Production Company, LP Gaucho Unit #017H Incident Number: nAPP2505549541 Unit P, Section 19, T 22S, R 34E Lea County, New Mexico FIGURE 2





# **Confirmation Soil Sample Location**

Devon Energy Production Company, LP Gaucho Unit #017H Incident Number: nAPP2505549541 Unit P, Section 19, T 22S, R 34E Lea County, New Mexico

**FIGURE** 3



**TABLES** 



# TABLE 1

# SOIL SAMPLE ANALYTICAL RESULTS

Gaucho Unit #017H

Devon Energy Production Company, LP

					County, New Me					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Delir	neation Soil Sam	ıples				
SS01	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01	2/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	92.5
SS02	2/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188
SS03	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.5
SS03	2/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13	2/28/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	3/3/2025	0	91	439	2,810	35,900	13.800	38.710	52.510	7,240
BH01	3/3/2025	1	<0.0250	<0.0500	<20.0	67.5	<50.0	67.5	67.5	<20.0
BH02	3/3/2025	0	35	163	999	21,600	7,620	22,599	30,219	12,100
BH02	3/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	45.3
BH03	3/3/2025	0	2.904	14.894	128	1,990	1,160	2,118	3,278	18,200
BH03	3/3/2025	2	< 0.0250	0.265	<20.0	<25.0	<50.0	<25.0	<50.0	3,330
BH03	3/3/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,340
BH03	3/3/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	909
BH03	3/3/2025	7	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	305
BH04	3/3/2025	0	32.6	158.2	986	15,600	5,350	16,586	21,936	24,100
BH04	3/3/2025	2	0.0470	0.3005	<20.0	794	554	794	1,348	2,640
BH04	3/3/2025	4	<0.0250	0.0260	<20.0	2,590	1,640	2,590	4,230	3,430
BH04	3/3/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,560
BH04	3/3/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	79.8



GRO: Gasoline Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

DRO: Diesel Range Organics

ORO: Oil Range Organics

# **TABLE 1 - CONT'D**

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H

**Devon Energy Production Company, LP** 

Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Deli	neation Soil Sam	ples				
BH05	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	3/5/2025	0	< 0.0250	< 0.0500	<20.0	121	86.3	121	207.3	71.4
BH06	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.1
BH07	3/5/2025	0	<0.0250	<0.0500	<20.0	61.6	<50.0	61.6	61.6	30.4
BH07	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	3/5/2025	0	< 0.0250	< 0.0500	<20.0	127	96.4	127	223.4	82.8
BH08	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14	3/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



#### TABLE 2

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H

**Devon Energy Production Company, LP** 

Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excava	tion Floor Soil S	amples				
FS01	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.2
FS03	5/29/2025	0	<0.0250	<0.0500	<20.0	35.0	<50.0	35.0	35.0	35.5
FS04	5/29/2025	0	<0.0250	<0.0500	<20.0	45.6	<50.0	45.6	45.6	32.5
FS05	5/29/2025	0	<0.0250	<0.0500	<20.0	77.8	<50.0	77.8	77.8	263
FS06	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.6
FS07	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	205
FS08	5/28/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS09	5/27/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS10	5/28/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	5/28/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	314
FS12	5/29/2025	0	< 0.0250	< 0.0500	<20.0	85.8	62.8	85.8	148.6	41.0
FS12	6/12/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122.0
FS13	5/29/2025	0	<0.0250	<0.0500	<20.0	125	96.8	125	<50.0	30.8
FS14	5/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.1
FS15	5/29/2025	0	<0.0250	< 0.0500	<20.0	89.2	65.6	89.2	154.8	207
FS15	6/12/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	144
FS16	5/29/2025	0	<0.0250	<0.0500	<20.0	45.3	<50.0	45.3	45.3	211
FS17	5/29/2025	0	<0.0250	<0.0500	<20.0	46.7	<50.0	46.7	46.7	354
FS18	5/28/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS19	5/27/2025	4	<0.0250	<0.0500	<20.0	32.7	153	32.7	186	229

#### Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics DRO: Diesel Range Organics

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



# **TABLE 2 - CONT'D**

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H

**Devon Energy Production Company, LP** 

Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excava	tion Floor Soil S	amples				
FS20	5/27/2025	4	<0.0250	<0.0500	<20.0	<25.0	108	<25.0	108	185
FS21	5/27/2025	4	<0.0250	<0.0500	<20.0	<25.0	101	<25.0	101	64.2
FS22	5/29/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	686
FS23	5/29/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	670
FS24	5/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.3
FS25	5/29/2025	0	<0.0250	<0.0500	<20.0	39.9	<50.0	39.9	39.9	29.6
FS26	5/29/2025	0	< 0.0250	<0.0500	<20.0	98.8	76.7	98.8	175.5	65.6
FS26	6/12/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	124
FS27	5/29/2025	2	<0.0250	<0.0500	<20.0	57.4	<50.0	57.4	57.4	349
FS28	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
FS29	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	492
FS30	5/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	65.3
FS31	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS32	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS33	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.9
FS34	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.6
FS35	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS36	5/27/2025	4	<0.0250	<0.0500	<20.0	<25.0	83.2	<25.0	83.2	178
FS37	5/27/2025	4	<0.0250	<0.0500	<20.0	<25.0	76.0	<25.0	76.0	22.3
FS38	5/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	111

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



# **TABLE 2 - CONT'D**

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H

Devon Energy Production Company, LP
Lea County, New Mexico

	Lea county, New mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000		
				Excava	tion Floor Soil S	amples						
FS39	5/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	278		
FS40	5/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	120		
FS41	5/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	79.8		
FS42	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.4		
FS43	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.0		
FS44	5/28/2025	1	<0.0250	<0.0500	<20.0	26.2	<50.0	26.2	26.2	<20.0		
FS45	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	228		
FS46	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS47	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0		
FS48	5/29/2025	0	<0.0250	<0.0500	<20.0	29.7	<50.0	29.7	29.7	74.4		
FS49	5/29/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	73.8		

#### Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

<sup>&</sup>quot;<": Laboratory Analytical result is less than reporting limit

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



# TABLE 3

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H

**Devon Energy Production Company, LP** 

Lea County	y, New Mexico

	Led County, New Mexico													
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)				
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000				
				Sic	dewall Soil Samp	les								
SW01	5/30/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.5				
SW02	5/30/2025	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.3				
SW03	5/30/2025	0-9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	372				
SW04	5/30/2025	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	99.1				
SW05	5/30/2025	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.9				
SW06	5/30/2025	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.8				
SW07	5/30/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
SW08	5/30/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0				
SW09	5/30/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	107				

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

<sup>&</sup>quot;<": Laboratory Analytical result is less than reporting limit

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



# **TABLE 4**

# **SOIL SAMPLE ANALYTICAL RESULTS**

Gaucho Unit #017H **Devon Energy Production Company, LP** 

				Lea	County, New Me	XICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				В	ackfill Soil Samp	le				
BF01	5/30/2025	NA	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	482

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

<sup>\*</sup> Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



**APPENDIX A** 

Well Log and Record



# WELL RECORD & LOG

# OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	CP 01990							CP-1990-PO					
	WELL OWNER Devon Energy							PHONE (OPTIC	ONAL)				
	WELL OWNER 205 E. Bende							CITY Hobbs		STATE NM 88240	ZIP		
F	WELL			DEGREES 32	MINUTES 22	SECONDS 13.85	N	* ACCURACY	Y REQUIRED: ONE TENTH OF A SECOND				
	(FROM GPS)		NGITUDE	-103	30	10.63	W		UIRED: WGS 84				
	DESCRIPTION	RELATIN	G WELL LOCATION	TO STREET ADDR	ESS AND COMMO	N LANDMARI	CS - PLS	SS (SECTION, TOV	WNSHJIP, RANGE) WHI	ERE AVAILABLE			
I	LICENSE NO.		NAME OF LICENS	ED DRILLER	Jason Maley				NAME OF WELL DRI	LLING COMPANY ision Resources			
-	DRILLING STA		DRILLING ENDED	DEPTH OF CO	MPLETED WELL (1	FT) B	ORE HO	LE DEPTH (FT)	DEPTH WATER FIRS	ST ENCOUNTERED (F:	Γ)		
-	COMPLETED W	ELL IS:	ARTESIAN *a		E SHALL	OW (UNCONF	NED)		WATER LEVEL PLETED WELL ()	DATE STATIO	C MEASUE 8-24		
1	DRILLING FLU	D:											
	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY:								CHECK INSTAL	HERE IF PITLESS ADA LED	APTER IS		
		DEPTH (feet bgl) BORE HOLE ROM TO DIAM			MATERIAL AN GRADE	D/OR		ASING	CASING	CASING WALL THICKNESS	SLC		
	FROM	10	(inches)	note s	sections of screen	ions of screen) (add cou		NECTION ΓΥΡΕ bling diameter)	INSIDE DIAM. (inches)	(inches)	SIZ (inch		
-	0	50	6"		VC 2" SCH40			Thread	2"	SCH40	N/A		
	50	60	6"	P	VC 2" SCH40			Thread	2"	SCH40	.02		
									OSE OIT APR	172024 PM1:2E	5		
-													
1	DEPTH (fe	et hol)	BORE HOLE		LAR SEAL MATI			L PACK SIZE-	AMOUNT	METH	OD OF		
1	FROM	TO	DIAM. (inches	(1)	RANGE I	BY INTERVA sian wells- ind		e spacing below)	(cubic feet)	PLACE			
						ed and plugg							
-													
1													
1													
-													
1													
_													

WELL TAG ID NO.

PAGE 1 OF 2

	DEPTH (fee	t bgl)		COLOR A	ND TYPE OF MA	TERIAL ENCOUN	TERED -	WA	TER	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WAT	TER-BEARING CA	AVITIES OR FRAC	CTURE ZONES	BEAL	RING?	YIELD FOR WATER- BEARING ZONES (gpm
	0	10	10'		Brown sand w	ith small rock		Y	✓ N	
	10	60	50'	Tan	fine sand with sma	Y	✓ N			
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
The same of the sa								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
	METHOD USE	ED TO ES	TIMATE YIELD	OF WATER-BEARI	NG STRATA:			TOTAL ESTI		
	PUMP		IR LIFT	BAILER	OTHER - SPECIFY	Dry hole		WELL YIELI	O (gpm):	0
	WELL TEST	TEST	RESULTS - ATTA	ACH A COPY OF DA	ATA COLLECTED SHOWING DISCH	DURING WELL T	TESTING, INCI WDOWN OVE	UDING DISC	CHARGE NG PERI	METHOD, OD.
S. LEST, MIG SOLENVISION	MISCELLANE	EOUS INI	FORMATION:				08	E OTT APR	17 202	4 pm1:26
-	PRINT NAME Jason Maley	(S) OF D	RILL RIG SUPER	VISOR(S) THAT PR	OVIDED ONSITE	SUPERVISION O	F WELL CONS	TRUCTION (	OTHER T	HAN LICENSE
	CORRECT RE	CORD O	F THE ABOVE D	IES THAT, TO THE ESCRIBED HOLE A 0 DAYS AFTER CO	AND THAT HE OF MPLETION OF W	SHE WILL FILE	GE AND BELII THIS WELL RI	EF, THE FOR ECORD WITH	EGOING H THE ST	IS A TRUE AN
		0	~ Vallad		Jason Maley			4/	11/14	/
		SIGNAT	URE OF DRILLE	R / PRINT SIGNE	E NAME			1/1	DATE	
0	R OSE INTERNA	AI LISE	1				WR-20 WEI	L RECORD &	LOGOV	ersion 09/22/202
	COST HATEKINY	L USE						75687		

WELL TAG ID NO.

PAGE 2 OF 2

LOCATION 225. 34E, 19. 344

FILE NO. (2-01990

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

# STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: File Nbr: 756876

File Nbr: CP 01990 Well File Nbr: CP 01990 POD1

Apr. 24, 2024

DALE WOODALL
DEVON ENERGY RESOURCES
205 E. BENDER RD. #150
HOBBS, NM 88240

# Greetings:

The above numbered permit was issued in your name on 03/01/2024.

The Well Record was received in this office on 04/17/2024, stating that it had been completed on 03/25/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/01/2025.

If you have any questions, please feel free to contact us.

Sincerely,

Rodolfo Chavez (575)622-6521

Rodolf Chances

drywell



**APPENDIX B** 

Photographic Log



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Date: 2/24/2025

Photograph 1 Date: 2/24/2025 Photograph 2

Description: Signage View: West

Description: Spill Area
View: Southwest





Photograph 3 Date: 2/24/2025 Photograph 4 Date: 2/24/2025

Description: Spill Area

View: East

Description: Spill Area

View: Southwest



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 5

Description: Spill Area
View: South

Date: 2/24/2025

Photograph 6

Description: Spill Area

Date: 2/24/2025

View: East





Photograph 7

Description: Spill Area
View: Northwest

Date: 2/24/2025

Photograph 8

Description: Spill Area View: Northeast Date: 2/24/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 9
Description: SS01

View: South

Date: 2/28/2025

Photograph 10 Description: SS02

View: West

Date: 2/28/2025





Photograph 11 Description: SS03

View: West

Date: 2/28/2025

Photograph 12 Description: SS04

View: Northwest

Date: 2/28/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 13
Description: SS05

View: Northwest

Date: 2/28/2025

Photograph 14 Description: SS06

View: North

Date: 2/28/2025





Photograph 15 Description: SS07

View: Northeast

Date: 2/28/2025

Photograph 16
Description: SS08

· View: East Date: 2/28/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 17
Description: SS09

View: East

Date: 2/28/2025

Photograph 18 Description: SS10

View: East

Date: 2/28/2025



Photograph 19 Description: SS11

View: Southeast

Date: 2/28/2025

Photograph 20 Description: SS12

View: Southeast

Date: 2/28/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 21
Description: SS13

View: South

Date: 2/28/2025

Photograph 22 Description: BH01

View: Southwest

Date: 3/3/2025





Photograph 23
Description: BH02

View: Southeast

Date: 3/3/2025 Photograph 24

Description: BH03 View: East Date: 3/3/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 25
Description: BH05

View: Northeast

Date: 3/5/2025

Photograph 26 Description: BH06

View: East

Date: 3/5/2025





Photograph 27
Description: BH07

View: East

Date: 3/5/2025

Photograph 28
Description: BH08

View: Southeast

Date: 3/5/2025



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 29
Description: BH09

View: Southeast

Date: 3/5/2025 Photograph 30

Description: BH10 View: East Date: 3/5/2025





Photograph 31 Description: BH11

View: East

Date: 3/5/2025

Photograph 32 Description: BH12

View: East

Date: 3/5/2025

# **ENSOLUM**

# **Photographic Log**

Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Date: 3/5/2025

Date: 5/23/2025

Photograph 33
Description: BH13

View: East

Date: 3/5/2025

Photograph 34
Description: BH14

View: Northeast

W N NE E SE 120 SE 50°NE (T) LAT: 32.370392 LON: -103.502181 ±13ft ▲ 3455ft

Hydroxac Gaucho Unit #017H
23 May 2025 09 41 52



Photograph 35
Description: Hydro-vac

View: Northeast

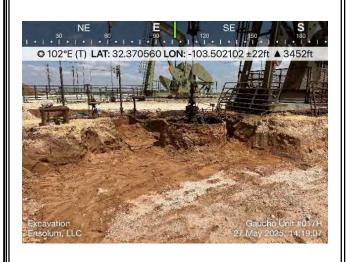
Date: 5/23/2025

Photograph 36
Description: Excavation

View: Northwest



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Date: 5/24/2025

Date: 5/28/2025

Photograph 37 Date: 5/24/2025

Description: Excavation View: East

Photograph 38

Description: Excavation

View: North





Photograph 39 Date: 5/24/2025

Description: Excavation

View: West

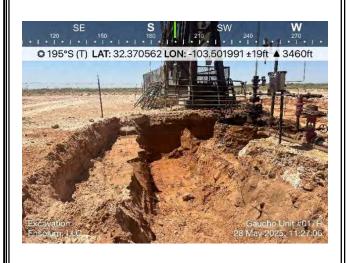
Photograph 40

Description: Excavation View: Northwest

Page 10 of 13



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Date: 5/29/2025

Photograph 41 Date: 5/28/2025 Photo

Description: Excavation View: South

Photograph 42
Description: Excavation

View: Southwest





Photograph 43 Date: 5/29/2025 Photograph 44 Date: 5/29/2025

Description: Excavation

View: Southwest

Description: Excavation

View: South



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





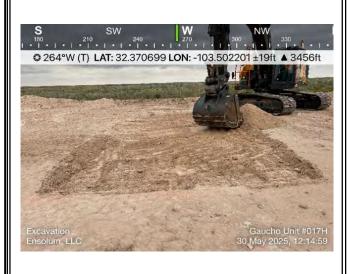
Photograph 45 Date: 5/29/2025

Description: Excavation View: North

Photograph 46

Description: Excavation View: Northeast

Date: 5/29/2025





Photograph 47 Date: 5/30/2025 Photograph 48 Date: 5/30/2025

Description: Excavation

View: West

Description: Excavation

View: Southwest



Devon Energy Production Company, LP Gaucho Unit #017H nAPP2505549541





Photograph 49
Description: Excavation

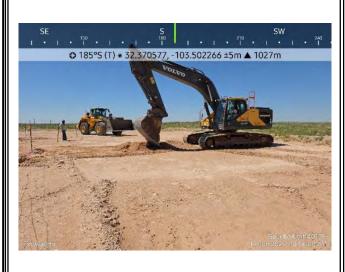
scription: Excavation
View: Southeast

Date: 6/12/2025 Photograph 50

Description: Excavation
View: Northwest

Date: 6/12/2025

Date: 6/12/2025





Photograph 51

Description: Excavation View: South

Date: 6/12/2025

Photograph 52
Description: Excavation

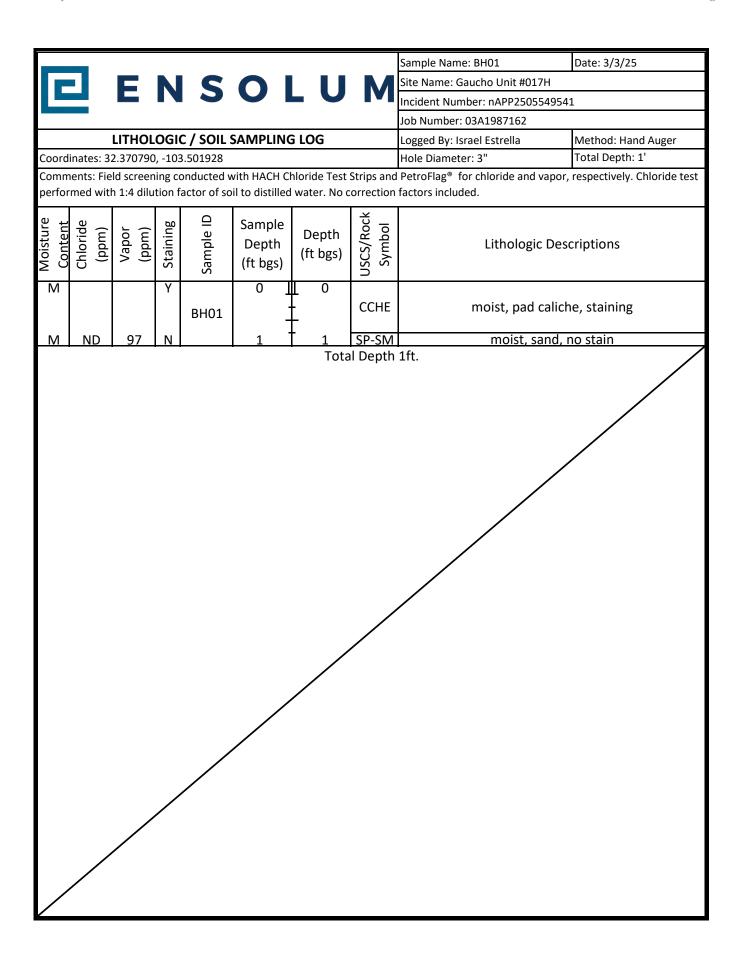
View: West

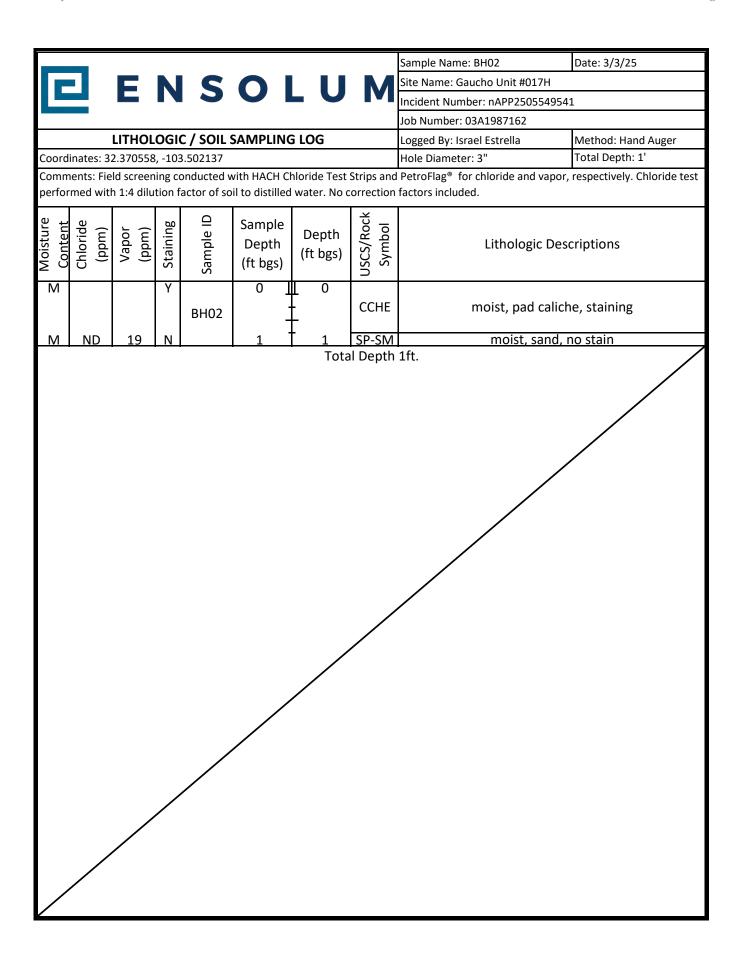
Page 13 of 13

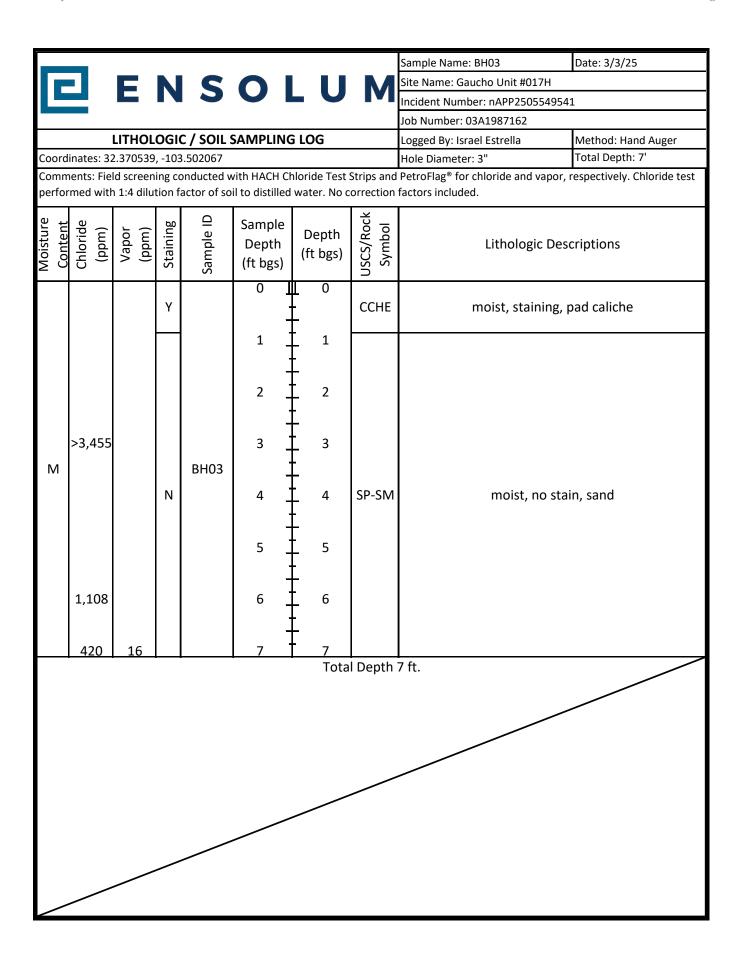


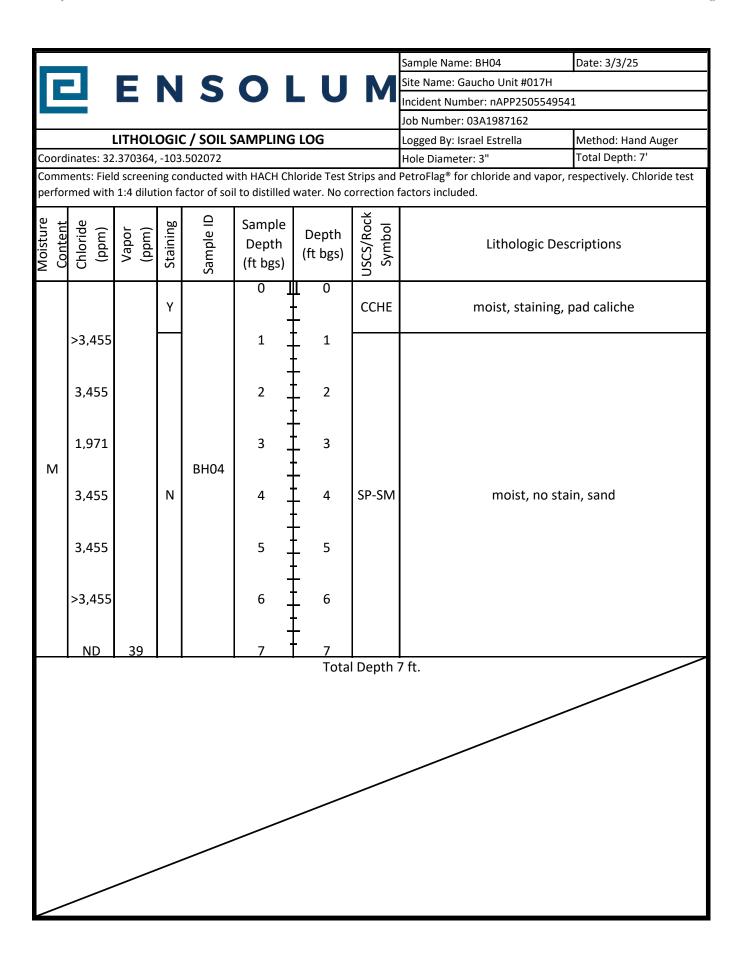
# **APPENDIX C**

Lithologic Soil Sampling Logs











# APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E503012

Job Number: 01058-0007

Received: 3/4/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/10/25

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.

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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/10/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E503012

Date Received: 3/4/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/4/2025 6:00:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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,

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# **Table of Contents**

T	itle Page	1
C	Cover Page	2
T	able of Contents	3
S	ample Summary	5
S	ample Data	6
	SS01-0'	6
	SS01-1'	7
	SS03-0'	8
	SS03-1'	9
	SS04-0'	10
	SS05-0'	11
	SS06-0'	12
	SS07-0'	13
	SS08-0'	14
	SS09-0'	15
	SS10-0'	16
	SS11-0'	17
	SS12-0'	18
	SS13-0'	19
	SS02-0'	20
	SS02-1'	21
C	OC Summary Data	22
	QC - Volatile Organics by EPA 8021B	22
	QC - Nonhalogenated Organics by EPA 8015D - GRO	23
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

# Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

# **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/10/25 08:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E503012-01A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS01-1'	E503012-02A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS03-0'	E503012-03A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS03-1'	E503012-04A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS04-0'	E503012-05A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS05-0'	E503012-06A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS06-0'	E503012-07A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS07-0'	E503012-08A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS08-0'	E503012-09A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS09-0'	E503012-10A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS10-0'	E503012-11A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS11-0'	E503012-12A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS12-0'	E503012-13A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS13-0'	E503012-14A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS02-0'	E503012-15A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.
SS02-1'	E503012-16A	Soil	02/28/25	03/04/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

## SS01-0'

		L303012 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: RAS		Batch: 2510041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/05/25	
Surrogate: n-Nonane		118 %	61-141	03/04/25	03/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS01-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/05/25	
Surrogate: n-Nonane		116 %	61-141	03/04/25	03/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510048



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS03-0'

		Domontino				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		105 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2510048
Chloride	30.5	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS03-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		110 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS04-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		109 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510048
	ND	20.0		03/04/25	03/04/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS05-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		107 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS06-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		103 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2510048
Amons by ETA 500:0/7050A						



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS07-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		105 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS08-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		109 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510048
	ND	20.0		03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS09-0'

E503012-10	0
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		106 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS10-0'

	D .:				
D 1		D.1. (1	D 1		N
Kesult	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
ND	0.0250	1	03/04/25	03/05/25	
ND	0.0250	1	03/04/25	03/05/25	
ND	0.0250	1	03/04/25	03/05/25	
ND	0.0250	1	03/04/25	03/05/25	
ND	0.0500	1	03/04/25	03/05/25	
ND	0.0250	1	03/04/25	03/05/25	
	99.9 %	70-130	03/04/25	03/05/25	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2510041
ND	20.0	1	03/04/25	03/05/25	
	93.6 %	70-130	03/04/25	03/05/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2510049
ND	25.0	1	03/04/25	03/06/25	
ND	50.0	1	03/04/25	03/06/25	
	106 %	61-141	03/04/25	03/06/25	
mg/kg	mg/kg	Anal	lyst: DT		Batch: 2510048
	ND Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mp/kg         mg/kg           ND         20.0           93.6 %         mg/kg           ND         25.0           ND         50.0           106 %	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0         1           93.6 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           106 %         61-141         61-141	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         03/04/25           ND         0.0250         1         03/04/25           ND         0.0250         1         03/04/25           ND         0.0500         1         03/04/25           ND         0.0250         1         03/04/25           ND         0.0250         1         03/04/25           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         03/04/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         03/04/25           ND         50.0         1         03/04/25           ND         50.0         1         03/04/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         03/04/25         03/05/25           ND         0.0500         1         03/04/25         03/05/25           ND         0.0250         1         03/04/25         03/05/25           MD         0.0250         1         03/04/25         03/05/25           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         03/04/25         03/05/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         03/04/25         03/06/25           ND         50.0         1         03/04/25         03/06/25           ND         50.0         1         03/04/25         03/06/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS11-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		106 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS12-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		116 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510048
Chloride	ND	20.0	1	03/04/25	03/04/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS13-0'

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Batch: 2510041  15/25 15/25 15/25 15/25 15/25 15/25 15/25
Batch: 2510041  15/25  15/25  15/25  15/25  15/25  15/25
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Batch: 2510041
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Batch: 2510049
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Batch: 2510048
04/25
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Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS02-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		115 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2510048
Chloride	92.5	20.0	1	03/04/25	03/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

### SS02-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2510041
Benzene	ND	0.0250	1	03/04/25	03/05/25	
Ethylbenzene	ND	0.0250	1	03/04/25	03/05/25	
Toluene	ND	0.0250	1	03/04/25	03/05/25	
o-Xylene	ND	0.0250	1	03/04/25	03/05/25	
p,m-Xylene	ND	0.0500	1	03/04/25	03/05/25	
Total Xylenes	ND	0.0250	1	03/04/25	03/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2510041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/04/25	03/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	03/04/25	03/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2510049
Diesel Range Organics (C10-C28)	ND	25.0	1	03/04/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/04/25	03/06/25	
Surrogate: n-Nonane		119 %	61-141	03/04/25	03/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2510048
Chloride	188	20.0	1	03/04/25	03/04/25	



		QC 50	ullilli	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	C	Gaucho Unit 17 01058-0007					Reported:
Artesia NM, 88210		Project Manager:	P	Ashley Gioveng	go				3/10/2025 8:57:52AM
		Volatile O	rganics	by EPA 802	21B				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510041-BLK1)							Prepared: 0	3/04/25 A	Analyzed: 03/05/25
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	6.55		8.00		81.9	70-130			
LCS (2510041-BS1)							Prepared: 0	3/04/25 A	Analyzed: 03/05/25
Benzene	4.49	0.0250	5.00		89.7	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.7	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.55	0.0250	5.00		90.9	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	13.9	0.0250	15.0		92.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			
Matrix Spike (2510041-MS1)				Source:	E503012-	07	Prepared: 0	3/04/25 A	Analyzed: 03/05/25
Benzene	4.87	0.0250	5.00	ND	97.4	54-133			
Ethylbenzene	4.99	0.0250	5.00	ND	99.7	61-133			
Toluene	5.00	0.0250	5.00	ND	99.9	61-130			
o-Xylene	4.98	0.0250	5.00	ND	99.5	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			
Matrix Spike Dup (2510041-MSD1)				Source:	E503012-	07	Prepared: 0	3/04/25 A	Analyzed: 03/05/25
Benzene	5.25	0.0250	5.00	ND	105	54-133	7.45	20	
Ethylbenzene	5.39	0.0250	5.00	ND	108	61-133	7.70	20	
Toluene	5.38	0.0250	5.00	ND	108	61-130	7.43	20	
o-Xylene	5.38	0.0250	5.00	ND	108	63-131	7.73	20	
V-1	11.0	0.0500	10.0	ND	110	62 121	7.62	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

110

109

97.1

63-131

63-131

70-130

7.62

7.66

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

11.0

16.3

7.77

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Gaucho Unit 17H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

Artesia NM, 88210		Project Manage	r: As	hley Gioven	go			3/1	0/2025 8:57:52AN
	Nor	nhalogenated	Organics l	by EPA 80	15D - G	RO		1	Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2510041-BLK1)							Prepared: 0	3/04/25 Anal	yzed: 03/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
LCS (2510041-BS2)							Prepared: 0	3/04/25 Anal	yzed: 03/05/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.2	70-130			
Matrix Spike (2510041-MS2)				Source:	E503012-	07	Prepared: 0	3/04/25 Anal	yzed: 03/05/25
Gasoline Range Organics (C6-C10)	39.7	20.0	50.0	ND	79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
Matrix Spike Dup (2510041-MSD2)				Source:	E503012-	07	Prepared: 0	3/04/25 Anal	yzed: 03/05/25
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130	14.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	^
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 8:57:52AM

Artesia NM, 88210		Project Manage	r: As	shley Giovens	go			:	3/10/2025 8:57:52AN
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510049-BLK1)							Prepared: 0	3/04/25 Ar	nalyzed: 03/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	61-141			
LCS (2510049-BS1)							Prepared: 0	3/04/25 Ar	nalyzed: 03/05/25
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	53.8		50.0		108	61-141			
Matrix Spike (2510049-MS1)				Source:	E503012-	05	Prepared: 0	3/04/25 Ar	nalyzed: 03/05/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	53.4		50.0		107	61-141			
Matrix Spike Dup (2510049-MSD1)				Source:	E503012-	05	Prepared: 0	3/04/25 Ar	nalyzed: 03/05/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	0.286	20	
Surrogate: n-Nonane	53.4		50.0		107	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 1058-0007	Ή				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				3/10/2025 8:57:52AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510048-BLK1)							Prepared: 0	3/04/25 A	nalyzed: 03/04/25
Chloride	ND	20.0							
LCS (2510048-BS1)							Prepared: 0	3/04/25 A	nalyzed: 03/04/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2510048-MS1)				Source:	E503012-	07	Prepared: 03	3/04/25 A	nalyzed: 03/04/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2510048-MSD1)				Source:	E503012-0	07	Prepared: 03	3/04/25 A	nalyzed: 03/04/25
Chloride	255	20.0	250	ND	102	80-120	0.0118	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/10/25 08:57

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.



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T	TX			d by
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	RC	RA		7/2
1	or	N		2/2025
ks				Received by OCD: 7/22/2025 8:22:27 AM
				AM

	Clier	nt Inform	ation			Invoice Inform	ation			La	b Us	e On	ly	TAT State						e	
	evon Gaucho Ianager: Ash				<u>Ac</u>	mpany: Devon Energy Idress: 5315 Buena Vist ty, State, Zip: Carlsbad N	1 - 1 1 - P - P - V - P - P - P	_ Lab	wo#	301	2		Num S8		51	1D	2D	3D Sto	NM ×	CO UT	TX
	3122 Nation					one: (575)689-7597	VIVI, 002.2U					Ana	lysis	and	Met	hod			E	PA Progr	am
	e, Zip: Carlsl				<u>Em</u>	nail: jim.raley@dvn.com	1												SDWA	CWA	RCRA
	75-988-005		0.02		Mis	cellaneous: Jim Raley													or N		
Email: ag	giovengo@ei	nsolum.c	om					_	8015	8015			0			s			PWSID#	ce   Y	OI   IV
				Sam	ole Informati	on			SO by	(O by	8021	8260	300.	- NM	XT - 20	Meta					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	i
1002	2/28/25	Soil	1		55	01-0'		1						X							
1002						01-1'		2						X							
1033						63-01		3						X							
1037						03-1'		4						X							
1100						04-0'		5						X							
1028						05		6						X							
1102						Ole		7						X							
1103						07		8						X							
1105						08		9						X							
1106	$\checkmark$	V	1		1	09 1		10						X							
bsimmor	ns@ensolum	o.com validity and	authenticity	77.07	le. I am aware tha	, agiovengo@ensolum.c															
	ed by: (Signatur		Date	3/25	Time 7:19.	Received by: (Signature)	gales 3.3	3.25	Time	719	î			1					nust be receive vg temp above		
Wie	ed by: (Signatur	onzal		3.25	1410	Received by: (Signature)	3.	3.23	Time	17	00			Rec	eived	l on i	ice:	Cab L	lse Only N		
	ed by: (Signatur	Н	3	3.25	2400	Received by: (Signature)	an 3.0	1.25	(a	00				<u>T1</u>			_	<u>T2</u>		<u>T3</u>	
	ed by: (Signatur		Date		lime	Received by: (Signature)	Date	inor To	no: «	alacc	n	noly/	nlacti	100000000000000000000000000000000000000	Ten			1			
	rix: S - Soil, Sd - So					arrangements are made. Ha		iner Typ											t for the and	lysis of th	ahove
						this COC The liability of the									Cilci	ir cub		c repor		,,5,5 5, 6,6	-44.4



envirotech

Page 27 of 29

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Page .	-	_ of _	Carry

Page 28 of 29

	No	# 2	1568	14.				Chi	ain of Cus	toay															Page
Client Information						Invoice Information				Lab Use Only								TAT				State			
Client: Devon Project: Gaucho vuit 17H					_										Number 58.0007			1D	2D	3D	SD Std	NM	CO UT	TX	
	Manager: As		12-1-		_			Zip: Carlsbad 1	NM, 88220	_		_													
Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220						Phone: (575)689-7597 Email: jim.raley@dvn.com			-				Ana	alysis	and	Met	hod				SDWA	A Progra	RCRA		
-	575-988-005		00220					s: Jim Raley		_			1 8										JUVA	CVVA	NCNA
	giovengo@e		om									5	r.										Compliand	e Y	or N
												y 801	y 801	Ħ	0	0.0	-	×	s e		1 1		PWSID#		
				Sam	ple Infor	mation						RO b	RO b	y 802	826	e 300	NZ -	1- 500	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID			Field	Num Field		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
1108	2/28/25	5011				55	10-	61		1	(						X								
1110							11			12	2						X								
1112							12			13	3						X								
1117							13	1		10	+						X								
1311							02-	01		15	5						X								
1313	1	1	V			V	02-	11		14	Q						X								
									-									-					×		
bsimmo I, (field sam	ns@ensolum	n.com validity and	authenticity		ole. I am awa			o@ensolum.c																	
Relinquished by: (Signature) Date 3/3/25 Time 7				Time 7-	Received by: (Signature)  Received by: (Signature)  Received by: (Signature)  Date  Date  Date  3.3			3.3 2	15	Time	719				Samples requiring thermal preservation must be received on ice the da sampled or received packed in ice at an avg temp above 0 but less that subsequent days.										
Michelle Dourand J. 2.3			1610	Received by (Signature)  Date 3.3.					23	Time	20	0		Received on ice: (y) / N											
5.5.65			0 . 1	200	ALL.	Light	3 Date	14.2	5	Time (Q)	00				<u>T1</u>			_	<u>T2</u>			Т3			
Relinquished by: (Signature)  Date  Time  Sample Matrix: S - Soil, Sd - Solld, Sg - Sludge, A - Aqueous, O - Other				, A	eceived by	y: (Sig <del>natu</del> re)		tainer	Type		glass	p - r	olv/r	olasti		Ten			4	Δ Ι					
						other arr	rangemen	nts are made. Haz															or the analy	sis of the	above
samples is	applicable only	to those sa	amples rece	ived by the	laboratory	with thi	s COC. Th	e liability of the l	aboratory is lim	nited to	the a	moun	t paid	for o	n the	repoi	rt.								





Printed: 3/4/2025 9:19:40AM

### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	03/04/25	06:00		Work Order ID:	E503012
Phone:	(505) 382-1211	Date Logged In:	03/03/25	15:29		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/10/25	17:00 (4 day TAT)			
Chain of	f Custody (COC)						
1. Does t	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mat	tch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	all samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			-		Comment	s/Resolution
Sample '	<u> Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u> </u>				
	Container  queous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers.	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La	· · ·	icis concetcu.	103				
	efield sample labels filled out with the minimum info	ormation:					
	Sample ID?	ination.	Yes				
	Date/Time Collected?		Yes	L			
(	Collectors name?		Yes				
Sample :	<u>Preservation</u>						
	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lab	o filteration required and/or requested for dissolved m	netals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	se?	No				
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborator	rv?	No				
	a subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	: NA		
	nstruction_						
<u>Chent i</u>	<u>iisti uction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E503045

Job Number: 01058-0007

Received: 3/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/12/25

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: 3/12/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E503045

Date Received: 3/7/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2025 7:45:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

Raina Schwanz

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# **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
BH05-0'	6
BH06-0'	7
BH07-0'	8
BH08-0'	9
BH09-0'	10
BH10-0'	11
BH11-0'	12
BH12-0'	13
BH13-0'	14
BH14-0'	15
BH05-0.5'	16
BH06-0.5'	17
BH07-0.5'	18
BH08-0.5'	19
BH09-0.5'	20
BH10-0.5'	21
BH11-0.5'	22
BH12-0.5'	23
BH13-0.5'	24
BH14-0.5'	25

# Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	30
Definitions and Notes	31
Chain of Custody etc.	32

### Sample Summary

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/12/25 11:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-0'	E503045-01A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH06-0'	E503045-02A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH07-0'	E503045-03A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH08-0'	E503045-04A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH09-0'	E503045-05A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH10-0'	E503045-06A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH11-0'	E503045-07A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH12-0'	E503045-08A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH13-0'	E503045-09A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH14-0'	E503045-10A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH05-0.5'	E503045-11A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH06-0.5'	E503045-12A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH07-0.5'	E503045-13A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH08-0.5'	E503045-14A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH09-0.5'	E503045-15A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH10-0.5'	E503045-16A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH11-0.5'	E503045-17A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH12-0.5'	E503045-18A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH13-0.5'	E503045-19A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
BH14-0.5'	E503045-20A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH05-0' E503045-01

	E303043-01				
Dagult		Dilution	Duomono d	Analystad	Notes
Result	Limit	Dilution	Frepared	Anatyzeu	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
ND	0.0250	1	03/07/25	03/07/25	
ND	0.0250	1	03/07/25	03/07/25	
ND	0.0250	1	03/07/25	03/07/25	
ND	0.0250	1	03/07/25	03/07/25	
ND	0.0500	1	03/07/25	03/07/25	
ND	0.0250	1	03/07/25	03/07/25	
	100 %	70-130	03/07/25	03/07/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
ND	20.0	1	03/07/25	03/07/25	
	87.9 %	70-130	03/07/25	03/07/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2510104
ND	25.0	1	03/07/25	03/08/25	
ND	50.0	1	03/07/25	03/08/25	
	104 %	61-141	03/07/25	03/08/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2510110
ND	20.0	1	03/07/25	03/07/25	
	ND mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOO %         mg/kg           mg/kg         mg/kg           ND         20.0           87.9 %         mg/kg           ND         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           MD         70-130         1           mg/kg         mg/kg         Anal           ND         20.0         1           87.9 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           104 %         61-141         61-141           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         03/07/25           ND         0.0250         1         03/07/25           ND         0.0250         1         03/07/25           ND         0.0500         1         03/07/25           ND         0.0250         1         03/07/25           ND         0.0250         1         03/07/25           mg/kg         Malyst: BA           ND         20.0         1         03/07/25           mg/kg         Analyst: BA           ND         20.0         1         03/07/25           mg/kg         Mg/kg         Analyst: KH           ND         25.0         1         03/07/25           ND         50.0         1         03/07/25           ND         50.0         1         03/07/25           mg/kg         Mg/kg         Analyst: BA	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         03/07/25         03/07/25           ND         0.0250         1         03/07/25         03/07/25           ND         0.0250         1         03/07/25         03/07/25           ND         0.0500         1         03/07/25         03/07/25           ND         0.0250         1         03/07/25         03/07/25           ND         0.0250         1         03/07/25         03/07/25           ND         0.0250         1         03/07/25         03/07/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         03/07/25         03/07/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         03/07/25         03/08/25           ND         50.0         1         03/07/25         03/08/25           ND         50.0         1         03/07/25         03/08/25           ND         50.0         1         03/07/25

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

### BH06-0'

E503045-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	121	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	86.3	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		105 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2510110
Chloride	71.4	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH07-0' E503045-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2511008
Diesel Range Organics (C10-C28)	61.6	25.0	1	03/10/25	03/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/25	03/10/25	
Surrogate: n-Nonane		111 %	61-141	03/10/25	03/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2510110
Chloride	30.4	20.0	1	03/07/25	03/07/25	



Chloride

### **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH08-0'

E503045-04						
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2511008
Diesel Range Organics (C10-C28)	127	25.0	1	03/10/25	03/11/25	
Oil Range Organics (C28-C36)	96.4	50.0	1	03/10/25	03/11/25	
Surrogate: n-Nonane		105 %	61-141	03/10/25	03/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2510110

20.0

82.8

03/07/25

03/07/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH09-0'

#### E503045-05

		Reporting	<u> </u>			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		109 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

### BH10-0'

		E503045-06					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109	
Benzene	ND	0.0250	1	03/07/25	03/07/25		
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25		
Toluene	ND	0.0250	1	03/07/25	03/07/25		
o-Xylene	ND	0.0250	1	03/07/25	03/07/25		
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25		
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25		
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	03/07/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	03/07/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2510104	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25		
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25		
Surrogate: n-Nonane		105 %	61-141	03/07/25	03/08/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510110	
Chloride	ND	20.0	1	03/07/25	03/07/25		



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH11-0'

#### E503045-07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		122 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2510110
<del></del>	ND	20.0	-	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH12-0'

#### E503045-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		123 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510110
<del></del>	ND	20.0		03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH13-0'

		E503045-09					
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2510109	
Benzene	ND	0.0250	1	03/07/25	03/07/25		
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25		
Toluene	ND	0.0250	1	03/07/25	03/07/25		
o-Xylene	ND	0.0250	1	03/07/25	03/07/25		
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25		
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25		
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	03/07/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2510109	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	03/07/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2510104	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25		
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25		
Surrogate: n-Nonane		124 %	61-141	03/07/25	03/08/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2510110	
Chloride	ND	20.0	1	03/07/25	03/07/25		



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH14-0' E503045-10

		200001010				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		137 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH05-0.5'

		E503045-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2511008
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/25	03/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/25	03/11/25	
Surrogate: n-Nonane		108 %	61-141	03/10/25	03/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



# Sample Data

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH06-0.5'

		E503045-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2511008
Diesel Range Organics (C10-C28)	ND	25.0	1	03/10/25	03/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/10/25	03/11/25	
Surrogate: n-Nonane		107 %	61-141	03/10/25	03/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2510110
Chloride	36.1	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH07-0.5'

#### E503045-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		109 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH08-0.5'

E503045-14
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		104 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510110
	ND	20.0		03/07/25	03/07/25	·



### **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH09-0.5'

E503045-15						
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
o,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		103 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH10-0.5' E503045-16

		E303043-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g/kg Analyst: BA			Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		104 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH11-0.5'

		E503045-17				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		103 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH12-0.5'

#### E503045-18

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		104 %	61-141	03/07/25	03/08/25	
				1 DT		Batch: 2510110
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2310110
Anions by EPA 300.0/9056A Chloride	mg/kg ND	mg/kg 20.0	Ana	03/07/25	03/07/25	Batch:



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

#### BH13-0.5' E503045-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		102 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

### BH14-0.5'

		E503045-20				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2510109
Benzene	ND	0.0250	1	03/07/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/07/25	
Toluene	ND	0.0250	1	03/07/25	03/07/25	
o-Xylene	ND	0.0250	1	03/07/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2510109
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	03/07/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2510104
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
Surrogate: n-Nonane		118 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2510110
Chloride	ND	20.0	1	03/07/25	03/07/25	



		QC 50	A 1 1 1 1 1 1 1 6	ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	aucho Unit 17F 1058-0007 shley Giovengo				3/12	<b>Reported:</b> 2/2025 11:26:36AM
		Volatile O	rganics l	by EPA 8021	1B				Analyst: BA
Analyte		Reporting	Spike	Source		Rec		RPD	
•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510109-BLK1)							Prepared: 0	3/07/25 Analy	yzed: 03/07/25
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	7.54		8.00		94.2	70-130			
LCS (2510109-BS1)							Prepared: 0	3/07/25 Analy	yzed: 03/07/25
Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			
Matrix Spike (2510109-MS1)				Source: I	E <b>503045</b> -	-06	Prepared: 0	3/07/25 Analy	yzed: 03/07/25
Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.14	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2510109-MSD1)				Source: I	E503045-	06	Prepared: 0	3/07/25 Analy	yzed: 03/07/25
Benzene	5.06	0.0250	5.00	ND	101	54-133	4.97	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133	4.84	20	
Toluene	4.99	0.0250	5.00	ND	99.9	61-130	5.00	20	
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131	4.57	20	
p,m-Xylene	9.97 14.9	0.0500 0.0250	10.0 15.0	ND ND	99.7 99.2	63-131 63-131	4.81 4.73	20 20	



70-130

8.00

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3/12	/2025 11:26:36AM		
Nonhalogenated Organics by EPA 8015D - GRO 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 (2510109-BLK1)							Prepared: 0	3/07/25 Analy	zed: 03/07/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130					
LCS (2510109-BS2)							Prepared: 0	3/07/25 Analy	zed: 03/07/25		
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130					
Matrix Spike (2510109-MS2)				Source:	E503045-	06	Prepared: 0	3/07/25 Analy	zed: 03/07/25		
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130					
Matrix Spike Dup (2510109-MSD2)				Source:	E503045-	06	Prepared: 0	3/07/25 Analy	zed: 03/07/25		
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.4	70-130	2.83	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.7	70-130					



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3/	12/2025 11:26:36Al
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510104-BLK1)							Prepared: 0	3/07/25 Ana	alyzed: 03/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	61-141			
LCS (2510104-BS1)							Prepared: 0	3/07/25 Ana	alyzed: 03/08/25
Diesel Range Organics (C10-C28)	227	25.0	250		90.7	66-144			
Surrogate: n-Nonane	52.7		50.0		105	61-141			
Matrix Spike (2510104-MS1)				Source:	E503045-	05	Prepared: 0	3/07/25 Ana	alyzed: 03/08/25
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	56-156			
Surrogate: n-Nonane	52.1		50.0		104	61-141			
Matrix Spike Dup (2510104-MSD1)				Source:	E503045-	05	Prepared: 0	3/07/25 Ana	alyzed: 03/08/25
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.7	56-156	0.607	20	
Gurrogate: n-Nonane	53.1		50.0		106	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Gaucho Unit 17H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 11:26:36AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3,	(12/2025 11:26:36A)
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2511008-BLK1)							Prepared: 0	3/10/25 An	alyzed: 03/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	61-141			
LCS (2511008-BS1)							Prepared: 0	3/10/25 An	alyzed: 03/10/25
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			
Matrix Spike (2511008-MS1)				Source:	E503041-	03	Prepared: 0	3/10/25 An	alyzed: 03/10/25
Diesel Range Organics (C10-C28)	266	25.0	250	40.2	90.3	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2511008-MSD1)				Source:	E503041-	03	Prepared: 0	3/10/25 An	alyzed: 03/10/25
Diesel Range Organics (C10-C28)	275	25.0	250	40.2	94.1	56-156	3.50	20	
Surrogate: n-Nonane	51.3		50.0		103	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 058-0007	Ή				Reported:		
Artesia NM, 88210		Project Manager: Ashley Giovengo						3/12/2025 11:26:36AM			
		Anions	by EPA 3	00.0/9056	1				Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2510110-BLK1)							Prepared: 03	3/07/25 A	nalyzed: 03/07/25		
Chloride	ND	20.0									
LCS (2510110-BS1)							Prepared: 03	3/07/25 A	nalyzed: 03/07/25		
Chloride	255	20.0	250		102	90-110					
Matrix Spike (2510110-MS1)				Source:	E503045-	05	Prepared: 03	3/07/25 A	nalyzed: 03/07/25		
Chloride	255	20.0	250	ND	102	80-120					
Matrix Spike Dup (2510110-MSD1)				Source:	E503045-	05	Prepared: 03	3/07/25 A	nalyzed: 03/07/25		
Chloride	255	20.0	250	ND	102	80-120	0.00980	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/12/25 11:26

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.

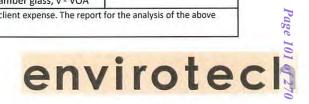
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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919						67			3						X							
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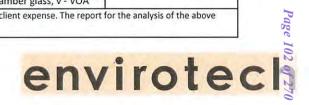


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				Sample Informat	ion			2	yd C	3021	260	Chloride 300.0	ΣN	XT - 2	Aetal		ŀ	1 44510 #1		
Time	Date Sampled	Matrix	No. of		Sample ID	P E L	ab	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	oride	BGDOC - NM	2 100	A 8 P			1	Remarks	
Sampled	Date Sampled	IVIALITX	Containers		Sample ID	Field Filter IN I	nber	DRC	GRC	BTE	Noc	Chlo	BGC	TCEC	RCR		11.19			
908	3/5/25	Soil	1	В	H055'		1						X							
913	1	1	1		06 1	1	7						X							
917					67		3						X							
922					08	14	f						X							
1152					09	15	5						X							
1154					10	11							X							
1155					11	1~	7						X							
1157					12		8						X		1					
1158					13	19							V							
1200	1	1	1		14 1	2							Ŷ							
-	al Instructio	ns: Ple	ase CC: chur	ton@ensolum.com	, agiovengo@ensolum.com, jim.			n ch	amilt	ton@	Dens	olum	con	n ies	trella	@ensolu	ım.c	om		
				cong chisolamicon	, agree engage ensarannean, june	,		,				o.u		.,	· · · · · · · ·	2 0110010				
	ler), attest to the _Israel Estrella_	validity and	authenticity of t	his sample. I am aware th	at tampering with or intentionally mislabeling	the sample l	ocation,	, date o	or time	of co	llection	is con	sidere	d frau	d and ma	ay be groun	ds for	legal action.		
	ed by: (Signatur	e)	Date 3/4/	7=11	Received by: (Signature)  Marissa Zionzeles	Date 3-4-	15	Time	711									st be received o temp above 0 b		
telinquish	ed by: (Signatur	re)	Date	Time	Received by: (Signature)	Date 3.6.		Time	164	_			Rocc	uent da	on ice		b Us	e Only		
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	ed by: (Signatur		Date	Time	Received by: (Signature)	Date	~	Time	1				AVG	Tor	n°C	4			T3	
ample Mat	ix: S - Soil, Sd - So	olid, <b>Sg</b> - Slu	dge, A - Aqueous	O - Other		Containe	r Type	2: g - 1	glass,	<b>p</b> - p	oly/p					s, v - VO	A		-	
					er arrangements are made. Hazardous sa			_					_					or the analy	sis of the	above
					h this COC. The liability of the laboratory	No. 20 of the Control					1							and the same		





envirotech Inc.

Printed: 3/7/2025 8:19:55AM

#### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	03/07/25 0	07:45		Work Order ID:	E503045
Phone:	(505) 382-1211	Date Logged In:	03/06/25 1	.5:53		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/13/25 1	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	e number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>Co</u>	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	•	<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·	iois conceicu.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	mation.	Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
-	imples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab:	·NA		
				Subcontract Eac.			
Chent In	<u>istruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

envirotech Inc.

Printed: 3/7/2025 8:19:55AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

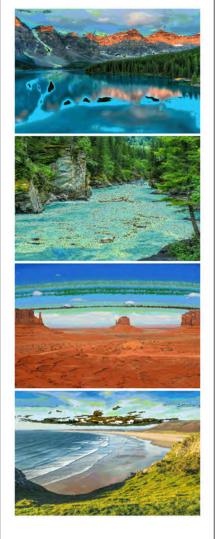
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/07/25 0	07:45		Work Order ID:	E503045
Phone:	(505) 382-1211	Date Logged In:	03/06/25 1	.5:53		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/13/25 1	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	e number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>Co</u>	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	•	<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·	iois conceicu.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	mation.	Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
-	imples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab:	·NA		
				Subcontract Eac.			
Chent In	<u>istruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E505302

Job Number: 01058-0007

Received: 5/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/4/25

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: 6/4/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E505302

Date Received: 5/29/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/29/2025 8:00:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS09-4'	5
FS19-4'	6
FS20-2'	7
FS21-2'	8
FS36-2'	9
FS37-2'	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

### Sample Summary

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/04/25 08:14

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS09-4'	E505302-01A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.
FS19-4'	E505302-02A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.
FS20-2'	E505302-03A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.
FS21-2'	E505302-04A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.
FS36-2'	E505302-05A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.
FS37-2'	E505302-06A Soil	05/27/25	05/29/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

### FS09-4' E505302-01

		E303302-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2522061
Benzene	ND	0.0250	1	05/29/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/29/25	05/30/25	
Toluene	ND	0.0250	1	05/29/25	05/30/25	
o-Xylene	ND	0.0250	1	05/29/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/29/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/29/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2522073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/30/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/30/25	06/02/25	
Surrogate: n-Nonane		113 %	61-141	05/30/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522067
Chloride	ND	20.0	1	05/29/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

#### FS19-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
Benzene	ND	0.0250	1	05/29/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/29/25	05/30/25	
Toluene	ND	0.0250	1	05/29/25	05/30/25	
o-Xylene	ND	0.0250	1	05/29/25	05/30/25	
o,m-Xylene	ND	0.0500	1	05/29/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/29/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2522073
Diesel Range Organics (C10-C28)	32.7	25.0	1	05/30/25	05/30/25	
Oil Range Organics (C28-C36)	153	50.0	1	05/30/25	05/30/25	
Surrogate: n-Nonane		107 %	61-141	05/30/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522067
·	229	20.0		05/29/25	05/29/25	<u> </u>



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

#### FS20-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
Benzene	ND	0.0250	1	05/29/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/29/25	05/30/25	
Toluene	ND	0.0250	1	05/29/25	05/30/25	
o-Xylene	ND	0.0250	1	05/29/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/29/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/29/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2522073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/30/25	05/30/25	
Oil Range Organics (C28-C36)	108	50.0	1	05/30/25	05/30/25	
Surrogate: n-Nonane		113 %	61-141	05/30/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522067
· · · · · · · · · · · · · · · · · · ·	185	20.0		05/29/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

#### FS21-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522061
Benzene	ND	0.0250	1	05/29/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/29/25	05/30/25	
Toluene	ND	0.0250	1	05/29/25	05/30/25	
o-Xylene	ND	0.0250	1	05/29/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/29/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/29/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/29/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	05/29/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2522073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/30/25	05/30/25	
Oil Range Organics (C28-C36)	101	50.0	1	05/30/25	05/30/25	
Surrogate: n-Nonane		104 %	61-141	05/30/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2522067
Chloride	64.2	20.0	1	05/29/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

#### FS36-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0500	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
	104 %	70-130	05/29/25	05/30/25	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522061
ND	20.0	1	05/29/25	05/30/25	
	98.4 %	70-130	05/29/25	05/30/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2522073
ND	25.0	1	05/30/25	05/30/25	
83.2	50.0	1	05/30/25	05/30/25	
	108 %	61-141	05/30/25	05/30/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522067
	mg/kg  ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO4 %         mg/kg           ND         20.0           98.4 %         mg/kg           ND         25.0           83.2         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           98.4 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           83.2         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0500         1         05/29/25           ND         0.0250         1         05/29/25           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/29/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         05/30/25           83.2         50.0         1         05/30/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/29/25         05/30/25           ND         0.0250         1         05/29/25         05/30/25           ND         0.0250         1         05/29/25         05/30/25           ND         0.0500         1         05/29/25         05/30/25           ND         0.0250         1         05/29/25         05/30/25           ND         0.0250         1         05/29/25         05/30/25           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/29/25         05/30/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         05/30/25         05/30/25           83.2         50.0         1         05/30/25         05/30/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

#### FS37-2'

	Reporting				
Result	Limit	Dilutior	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522061
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
ND	0.0500	1	05/29/25	05/30/25	
ND	0.0250	1	05/29/25	05/30/25	
	101 %	70-130	05/29/25	05/30/25	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522061
ND	20.0	1	05/29/25	05/30/25	
	101 %	70-130	05/29/25	05/30/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2522073
MD	25.0	1	05/30/25	05/30/25	·
ND	25.0	1	03/30/23	03/30/23	
76.0	50.0	1	05/30/25	05/30/25	
		61-141			
	50.0	61-141	05/30/25	05/30/25	Batch: 2522067
	mg/kg  ND ND ND ND ND ND ND ND ND MD Mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           101 %           mg/kg         mg/kg           ND         20.0           101 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         And           ND         20.0         1           101%         70-130         1           mg/kg         mg/kg         And           mg/kg         mg/kg         And	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0250         1         05/29/25           ND         0.0500         1         05/29/25           ND         0.0250         1         05/29/25           MD         70-130         05/29/25           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/29/25           mg/kg         70-130         05/29/25           mg/kg         Mg/25         Analyst: KH	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/29/25         05/30/25           ND         0.0500         1         05/29/25         05/30/25           ND         0.0250         1         05/29/25         05/30/25           MD         70-130         05/29/25         05/30/25           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/29/25         05/30/25           MD         20.0         1         05/29/25         05/30/25           mg/kg         mg/kg         Analyst: KH



Gaucho Unit 17H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/4/2025 8:14:55AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2522061-BLK1) Prepared: 05/29/25 Analyzed: 05/30/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.25 8.00 103 70-130 LCS (2522061-BS1) Prepared: 05/29/25 Analyzed: 05/30/25 4.75 5.00 95.0 70-130 Benzene 0.0250 Ethylbenzene 4.70 0.0250 5.00 93.9 70-130 4.72 0.0250 5.00 94.4 70-130 Toluene 93.5 o-Xylene 4.67 0.0250 5.00 70-130 9.52 10.0 95.2 70-130 0.0500 p.m-Xvlene 94.6 70-130 14.2 15.0 Total Xylenes 0.0250 8.00 100 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.03 Matrix Spike (2522061-MS1) Source: E505301-03 Prepared: 05/29/25 Analyzed: 05/30/25 5.28 0.0250 5.00 ND 70-130 Benzene ND 105 70-130 Ethylbenzene 5.24 0.0250 5.00 Toluene 5.27 0.0250 5.00 ND 105 70-130 5.24 ND 105 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.6 0.0500 10.0 ND 106 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.86 8.00 Matrix Spike Dup (2522061-MSD1) Source: E505301-03 Prepared: 05/29/25 Analyzed: 05/30/25

5.41

5.40

5 40

5.37

10.9

16.3

8.24

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

108

108

107

109

109

103

70-130

70-130

70-130

70-130

70-130

70-130

70-130

2.34

3.02

2 45

2.47

3.22

2.97

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/4	/2025 8:14:55AM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			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 (2522061-BLK1)							Prepared: 0:	5/29/25 Analy	zed: 05/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			
LCS (2522061-BS2)							Prepared: 0:	5/29/25 Analy	zed: 05/30/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.02		8.00		113	70-130			
Matrix Spike (2522061-MS2)				Source:	E505301-	03	Prepared: 0	5/29/25 Analy	zed: 05/30/25
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			
Matrix Spike Dup (2522061-MSD2)				Source:	E505301-	03	Prepared: 0	5/29/25 Analy	zed: 05/30/25
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.5	70-130	0.272	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/4/2025 8:14:55AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				6/4/2025 8:14:55AN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522073-BLK1)							Prepared: 0	5/30/25 A	nalyzed: 05/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	62.0		50.0		124	61-141			
LCS (2522073-BS1)							Prepared: 0	5/30/25 A	nalyzed: 05/30/25
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
urrogate: n-Nonane	55.4		50.0		111	61-141			
Matrix Spike (2522073-MS1)				Source:	E505301-	02	Prepared: 0	5/30/25 A	nalyzed: 05/30/25
Diesel Range Organics (C10-C28)	322	25.0	250	ND	129	56-156			
urrogate: n-Nonane	53.4		50.0		107	61-141			
Matrix Spike Dup (2522073-MSD1)				Source:	E505301-	02	Prepared: 0	5/30/25 A	nalyzed: 05/30/25
Diesel Range Organics (C10-C28)	328	25.0	250	ND	131	56-156	1.90	20	
'urrogate: n-Nonane	54.4		50.0		109	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 1058-0007	7H				Reported:
Artesia NM, 88210		Project Manager:	. A	shley Gioven	go				6/4/2025 8:14:55AM
		Anions	by EPA 3	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522067-BLK1)							Prepared: 0:	5/29/25 A	analyzed: 05/29/25
Chloride	ND	20.0							
LCS (2522067-BS1)							Prepared: 0:	5/29/25 A	analyzed: 05/29/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2522067-MS1)				Source:	E505301-	03	Prepared: 0	5/29/25 A	analyzed: 05/29/25
Chloride	282	20.0	250	34.4	99.2	80-120			
Matrix Spike Dup (2522067-MSD1)				Source:	E505301-	03	Prepared: 0:	5/29/25 A	analyzed: 05/29/25
Chloride	295	20.0	250	34.4	104	80-120	4.31	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/04/25 08:14

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.



Invoice Information

Company: Devon Energy

600

22:30

Time

5-28-25

Date

Address: 5315 Buena Vista Dr

City, State, Zip: Carlsbad NM, 88220

State

Y

Remarks

RCRA

or N

NM CO UT TX

preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Samples requiring thermal

Lab Use Only Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Relinquished by: (Signature)

Relinguished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Whichelle Gonzales

envirotech WO # 2156814

Client Information

Analytical Laboratory

Project Gaucho Unit #017H

Project Manager: Ashley Giovengo

Client: Devon

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

5-28-25

Date

0711

1600

800

Lab Use Only

Lab WO# E50530Z Job Number

01058-0007

TAT

1D 2D 3D Std

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Received by: (Signature)

Received by: (Signature)

envirotech Inc.

Printed: 5/29/2025 9:13:41AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

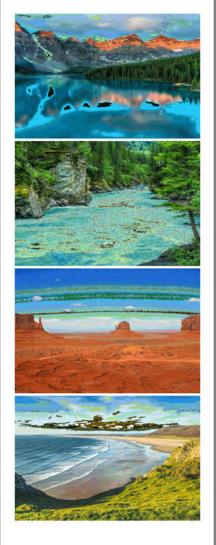
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	05/29/25	08:00	Work Order ID:	E505302
Phone:	(505) 382-1211	Date Logged In:	05/28/25	15:09	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/04/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Cou	rier	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes	cumer. <u>cou</u>	<u> </u>	
	Il samples received within holding time?	,	Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				<u>Comme</u>	nts/Resolution
Sample T	<u>[urn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?		Yes			
12. **********	Note: Thermal preservation is not required, if samples a	re received within	103			
	15 minutes of sampling					
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (	<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 n	on-VOC samples collected in the correct containers	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	Pate/Time Collected?		Yes	_		
	follectors name?		Yes			
	Preservation		NT.			
	the COC or field labels indicate the samples were p	oreserved?	No			
	ample(s) correctly preserved?	otala?	NA Na			
	filtration required and/or requested for dissolved m	ietais?	No			
	ase Sample Matrix	_				
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be anal	lyzed?	NA			
Subconti	act Laboratory					
28. Are s	amples required to get sent to a subcontract laborate	ory?	No			
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: N	JA	
Client I	nstruction_					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E505316

Job Number: 01058-0007

Received: 5/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/5/25

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: 6/5/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E505316

Date Received: 5/31/2025 6:15:09AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2025 6:15:09AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS08-6'	5
FS10-5'	6
FS11-6'	7
FS18-5'	8
FS38-4'	9
FS42-1'	10
FS43-1'	11
FS44-1'	12
FS45-1'	13
FS46-1'	14
FS47-1'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/05/25 14:49

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
FS08-6'	E505316-01A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS10-5'	E505316-02A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS11-6'	E505316-03A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS18-5'	E505316-04A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS38-4'	E505316-05A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS42-1'	E505316-06A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS43-1'	E505316-07A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS44-1'	E505316-08A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS45-1'	E505316-09A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS46-1'	E505316-10A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.
FS47-1'	E505316-11A	Soil	05/28/25	05/31/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

### FS08-6' E505316-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		107 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2523029
Chloride	ND	20.0	1	06/02/25	06/02/25	

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

### FS10-5'

E505316-02
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2523029
Chloride	ND	20.0	1	06/02/25	06/02/25	•



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

### FS11-6' E505316-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0500	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
	103 %	70-130	05/31/25	05/31/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
ND	20.0	1	05/31/25	05/31/25	
	105 %	70-130	05/31/25	05/31/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2523018
ND	25.0	1	06/02/25	06/04/25	
ND	50.0	1	06/02/25	06/04/25	
	108 %	61-141	06/02/25	06/04/25	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2523029
314	20.0	1	06/02/25	06/02/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         20.0250           ND         20.0           105 %         mg/kg           MB/kg         mg/kg           ND         25.0           ND         50.0           108 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MB/kg         mg/kg         Anal           MB/kg         mg/kg         Anal           ND         20.0         1           MB/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           108 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0500         1         05/31/25           ND         0.0250         1         05/31/25           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         05/31/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         06/02/25           ND         50.0         1         06/02/25           ND         50.0         1         06/02/25           ND         50.0         1         06/02/25           Mg/kg         Mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         05/31/25         05/31/25           ND         0.0250         1         05/31/25         05/31/25           ND         0.0250         1         05/31/25         05/31/25           ND         0.0500         1         05/31/25         05/31/25           ND         0.0250         1         05/31/25         05/31/25           ND         0.0250         1         05/31/25         05/31/25           ND         0.0250         1         05/31/25         05/31/25           mg/kg         mg/kg         Analyst: IY         ND         05/31/25           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         05/31/25         05/31/25           mg/kg         mg/kg         Analyst: KH         ND         25.0         1         06/02/25         06/04/25           ND         25.0         1         06/02/25         06/04/25         06/04/25           ND         50.0         1         06/02/25         06/04/25           Mg/



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS18-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		106 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2523029
					06/02/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS38-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2523029
Chloride	111	20.0	1	06/02/25	06/02/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS42-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		105 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2523029
Chloride	32.4	20.0	1	06/02/25	06/02/25	•



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS43-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2523029
Chloride	41.0	20.0	1	06/02/25	06/02/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS44-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	26.2	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2523029
Chloride	ND	20.0		06/02/25	06/02/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS45-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		106 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2523029
Chloride	228	20.0	1	06/02/25	06/02/25	•



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS46-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2523029
·	ND	20.0	1	06/02/25	06/02/25	•



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

#### FS47-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		109 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2523029



Gaucho Unit 17H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/5/2025 2:49:28PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2522092-BLK1) Prepared: 05/31/25 Analyzed: 05/31/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.48 8.00 93.5 70-130 LCS (2522092-BS1) Prepared: 05/31/25 Analyzed: 05/31/25 5.49 5.00 110 70-130 Benzene 0.0250 Ethylbenzene 5.42 0.0250 5.00 108 70-130 5.45 0.0250 5.00 109 70-130 Toluene 107 o-Xylene 5.37 0.0250 5.00 70-130 11.0 10.0 110 70-130 0.0500 p.m-Xvlene 109 70-130 15.0 Total Xylenes 16.4 0.0250 8.00 98.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.91 Matrix Spike (2522092-MS1) Source: E505315-05 Prepared: 05/31/25 Analyzed: 05/31/25 5.02 0.0250 5.00 ND 70-130 Benzene ND 99.2 70-130 Ethylbenzene 4.96 0.0250 5.00 Toluene 4.99 0.0250 5.00 ND 99.7 70-130 4.92 ND 98.4 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 70-130 15.0 0.0250 15.0 ND 70-130 Total Xylenes 7.77 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2522092-MSD1) Source: E505315-05 Prepared: 05/31/25 Analyzed: 05/31/25 4.96 0.0250 5.00 ND 99.2 70-130 1.19 27 70-130 0.545 4.93 0.0250 5.00 ND 98.6 26 Ethylbenzene Toluene 4 94 0.0250 5.00 ND 98.7 70-130 1.01 20 4.88 5.00 ND 97.6 70-130 0.854 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

100

99.3

99.3



0.391

0.543

70-130

70-130

70-130

23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.0

14.9

7.95

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			•	6/5/2025 2:49:28PM	
Nonhalogenated Organics by EPA 8015D - GRO  Analyst: IY										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	V.	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2522092-BLK1)							Prepared: 0	5/31/25 An	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130				
LCS (2522092-BS2)							Prepared: 0	5/31/25 An	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		109	70-130				
Matrix Spike (2522092-MS2)				Source:	E505315-	05	Prepared: 0	5/31/25 An	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.98		8.00		112	70-130				
Matrix Spike Dup (2522092-MSD2)				Source:	E505315-	05	Prepared: 0	5/31/25 An	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	10.7	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130				



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/5/2025 2:49:28PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				6/5/2025 2:49:28PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523018-BLK1)							Prepared: 0	6/02/25 A1	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.1		50.0		104	61-141			
LCS (2523018-BS1)							Prepared: 0	6/02/25 Aı	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
urrogate: n-Nonane	51.3		50.0		103	61-141			
Matrix Spike (2523018-MS1)				Source:	E505315-0	02	Prepared: 0	6/02/25 A1	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
urrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2523018-MSD1)				Source:	E505315-0	02	Prepared: 0	6/02/25 A1	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156	1.62	20	
urrogate: n-Nonane	52.5		50.0		105	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number: Project Manager	H 50				<b>Reported:</b> 6/5/2025 2:49:28PM			
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2523029-BLK1)							Prepared: 0	6/02/25 A	analyzed: 06/02/25
Chloride	ND	20.0							
LCS (2523029-BS1)							Prepared: 0	6/02/25 A	analyzed: 06/02/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2523029-MS1)				Source:	E505316-0	04	Prepared: 0	6/02/25 A	analyzed: 06/02/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2523029-MSD1)				Source:	E505316-0	04	Prepared: 0	6/02/25 A	analyzed: 06/02/25
Chloride	257	20.0	250	ND	103	80-120	0.405	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/05/25 14:49

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.



	Clie	Client Information Invoice Information Lab Use Only							TAT				State									
Client: Devon					Company: Devon Energy				Lab WO# Job Number 1D 2D							2D	3D :	Std	NM	CO UT	TX	
Project Gaucho Unit #017H					Address: 5315 Buena Vista Dr			E.F	50531600058:0007 × ×													
Project Manager: Ashley Giovengo					City, State, Zip:	Carlsbad NM, 8822	20															
Address:	: 3122 Natio	22 National Parks Hwy Phone: (575)689-7597 Analysis and Method										EP	A Progra	ım								
City, Star	te, Zip: Carls	bad NM,	88220		Email: jim.raley	@dvn.com		1												SDWA	CWA	RCRA
Phone:	575-988-005	5			Miscellaneous: Jir	n Raley																
Email: a	giovengo@e	nsolum.c	com		7				15	12										Complianc	e Y	or N
									y 80	y 8015	=		0.0	×	als					PWSID#		
				Sample Inform	nation				30 b	90 p	805	826	e 30		Met		N.	¥		<u>а</u> с		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter IN T	ab mber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	RCRA 8 Metals		BGDOC - NM	BGDOC-TX		Samle Temp	Ren	narks
9:45	5/28/2025	Soil	1		FS08 - 6'		1										x			3.4		
9:47	5/28/2025	Soil	1		FS10 - 5'		1	2									x			4.6		
12:37	5/28/2025	Soil	1		FS11 - 6'		3	3									х			4.2		
9:48	5/28/2025	Soil	1		FS18 - 5'		7	1									x			3.8		
13:08	5/28/2025	Soil	1		FS38 - 4'		5									ĬĬ	x			510		
11:43	5/28/2025	Soil	1		FS42 - 1'		6										х			4.2		
11:41	5/28/2025	Soil	1		FS43 - 1'		7	1									х			4.8		
11:40	5/28/2025	Soil	1		FS44 - 1'		8	5									x			4.0		
11:35	5/28/2025	Soil	1		FS45 - 1'		9	1									x			3.6		
11:37	5/28/2025	Soil	1		FA46 - 1'		10	)									x			4.1		
Addition	nal Instruction	ons: Ple	ease CC: c	burton@ensolum	.com, agiovengo@	ensolum.com, jim	.raley@d	dvn.c	om,	iestr	ella@	ens	olum	n.com	n, cha	milt	on@	enso	lum	n.com,		
	ensolum.co																					
I, (field sam	pler), attest to th	e validity an	d authenticity	of this sample. I am awa	are that tampering with o	r intentionally mislabeling	the sample	location	n, date	or tim	ne of co	ollectio	n is co	nsidere	d fraud	and r	may be	groun	ds for	r legal action.		
Sampled by	100																	_				
Relinquish	ned by: (Signatu			Date	Time	Received by: (Signatu	re)	- 1	0	Date	10	10	_	Time		1				Samples re		
-157		5/29/13	7=11	v. marage	you	zou	(cg			1-2	>	-	271	1				servation n				
Relinquished by: (Signature)		5-30-25	1750	Received by: (Signatu	re)			Date	2	0.2	C	Time	10.	1			1,000	e the day the eived pack		The second		
		Date			Received by: (Signature)			Date		0.0	-5	Time	10		,			above 0 but				
	17	10)		S\$ 5.31-16	0200	110 6	ti			5		1.7.	5	110	215				0		quent day	
Relinquish	ned by: (Signatu	rel		Date	Time	Received by: (Signatu	rel			Date	U	-		Time	10	-					Use Only	
- Iniquisi	of , toighatu				3000									1							ed on ic	
Relinquished by: (Signature)			Date	Time	Received by: (Signatu	ature)			Date Ti			Time			Ø/ N							
Sample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	idge, A - Aque	ous, O - Other			Containe	er Typ	e: g -	glass	s, p -	poly/	plasti	c, ag -	ambe	er gla	iss, v	- VO	4			
						e made. Hazardous sar									client	expe	ense. T	The re	port	for the analy	sis of the	above
						pility of the laboratory																

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Client Information Client: Devon				7	Invoice Information  Company: Devon Energy Address: 5315 Buena Vista Dr				Lab Us			Ise Only				T	AT		State	
									ab WO	316 Job Num						2D	3D Std	NM	CO UT TX	
Project Gaucho Unit #017H				EFF					.00				01			x	х			
Project N	Manager: Asl	hley Giov	engo		City, State, Zi	o: Carlsbad NM, 88	220			٠.										
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)6	89-7597			RIL			Analysis			Met	thod			EP	A Program
City, Sta	te, Zip: Carls	bad NM,	88220		Email: jim.ral	ey@dvn.com			- 0										SDWA	CWA RCRA
Phone:	575-988-005	5			Miscellaneous: Jim Raley															
Email: a	giovengo@e	nsolum.c	om			700000000			ag of an analysis and a sols	15									Complian	ce Y or N
										V 80	4		0.0	×	als				PWSID#	
				Sample Info	ormation				Rob	RO b	y 80	826	le 30	- 500	Me		N.	<b>¥</b>	ele dr	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	per 0/08d	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC-TX	Samle Temp	Remarks
11:38	5/28/2025	Soil	1		FS47 - 1'			11									x		4.6	
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bmoir@ I, (field sam		<b>n</b> e validity and			and the second	o@ensolum.com, ji		1000							1000		-			
Sampled by				Data	Time	Descined hur (Signa	tural		_	Dat	Δ.	-	-	Time			-	1 1	Camarata	andatan diaman
Relinquished by: (Signature)  Relinfluished by: (Signature)  Date  Date			Time Received by: (Signature)		ongo	rles		29	1-25 Time			07	711		pre	Samples requiring thermal preservation must be received o ice the day they are sampled or				
Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Date		5-30-2	5 1750 Time	Received by: (Signa						30.25		Time	/800		o re		ceived packed on ice at a temp above 0 but less than 6°C on			
2	.U			5.31.20	0200	Noe - C	1	5		4	13	1.7	5	10	15					quent days.
Relinquish	ed by: (Signatur	re)		Date	Time	Received by: (Signa	ture)			Dat	e	- 69-		Time					Lab	Use Only
Relinquished by: (Signature)  Relinquished by: (Signature)  Date			Date	Time	Received by: (Signa	ture)		Date			Time							Received on ice:		

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

envirotech Inc.

Printed: 6/2/2025 9:22:37AM

### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	05/31/25	06:15	Work Order ID:	E505316
Phone:	(505) 382-1211	Date Logged In:	05/30/25	13:30	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/05/25	17:00 (3 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	itch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comment</u>	s/Resolution
Sample T	<u>Furn Around Time (TAT)</u>					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?					
			NA			
	ne sample received on ice?  Note: Thermal preservation is not required, if samples a  15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside of	or 0°C-6°C will be	recoraea	in comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct containers		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal	<del></del>					
	field sample labels filled out with the minimum inf	ormation:	37			
	ample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		103			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipli	ace?	No			
	s, does the COC specify which phase(s) is to be analy					
		lyzeu:	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	•	No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E505326

Job Number: 01058-0007

Received: 6/2/2025

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 6/20/25

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: 6/20/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E505326

Date Received: 6/2/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/2/2025 7:00:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

### Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS01-0'	6
FS02-0'	7
FS03-0'	8
FS04-0'	9
FS05-0'	10
FS06-0'	11
FS07-0'	12
FS12-0'	13
FS13-0'	14
FS15-0'	15
FS16-0'	16
FS17-0'	17
FS22-9'	18
FS23-9'	19
FS25-0'	20
FS26-0'	21
FS27-2'	22
FS28-0'	23
FS29-2'	24
FS31-0'	25

# Table of Contents (continued)

	FS32-0'	26
	FS33-0'	27
	FS34-0'	28
	FS35-0'	29
	FS39-4'	30
	FS40-4'	31
	FS41-4'	32
	FS48-0'	33
	FS49-0'	34
Q	C Summary Data	35
	QC - Volatile Organics by EPA 8021B	35
	QC - Nonhalogenated Organics by EPA 8015D - GRO	37
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	39
	QC - Anions by EPA 300.0/9056A	41
D	efinitions and Notes	43
С	hain of Custody etc.	44

### Sample Summary

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/20/25 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0'	E505326-01A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS02-0'	E505326-02A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS03-0'	E505326-03A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS04-0'	E505326-04A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS05-0'	E505326-05A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS06-0'	E505326-06A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS07-0'	E505326-07A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS12-0'	E505326-08A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS13-0'	E505326-09A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS15-0'	E505326-10A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS16-0'	E505326-11A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS17-0'	E505326-12A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS22-9'	E505326-13A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS23-9'	E505326-14A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS25-0'	E505326-15A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS26-0'	E505326-16A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS27-2'	E505326-17A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS28-0'	E505326-18A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS29-2'	E505326-19A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS31-0'	E505326-20A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS32-0'	E505326-21A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS33-0'	E505326-22A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS34-0'	E505326-23A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS35-0'	E505326-24A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS39-4'	E505326-25A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS40-4'	E505326-26A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS41-4'	E505326-27A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS48-0'	E505326-28A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.
FS49-0'	E505326-29A	Soil	05/29/25	06/02/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS01-0' E505326-01

		2000020 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2523036
Chloride	ND	20.0	1	06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS02-0'

E505326	-02
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		104 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2523036
mions by Elife Colors Cecil						



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS03-0'

E505326-03
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	Analyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	35.0	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2523036
imons by Elite Colors Court						



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS04-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	45.6	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2523036
		·	·	·	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS05-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	77.8	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		99.1 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2523036
111101101101111111111111111111111111111						



Chloride

### **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS06-0'

		E505326-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		99.7 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2523036

20.0

06/02/25

06/03/25

54.6



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS07-0'

TO E O	1532	_	

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
p-Xylene	ND	0.0250	1	05/31/25	06/02/25	
o,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		100 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2523036
•	205	20.0	1	06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS12-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	85.8	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	62.8	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		99.2 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2523036
	41.0	20.0		06/02/25	06/03/25	<u> </u>



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS13-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	125	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	96.8	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		98.3 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2523036
Chloride	30.8	20.0	1	06/02/25	06/03/25	



Chloride

### **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS15-0'

E505326-10						
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	89.2	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	65.6	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		99.6 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2523036

20.0

06/02/25

06/03/25

207



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS16-0'

E505326-11
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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
o,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	45.3	25.0	1	06/02/25	06/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/02/25	
Surrogate: n-Nonane		99.1 %	61-141	06/02/25	06/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2523036
	211	20.0	-	06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS17-0'

1532	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	46.7	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		99.7 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2523036
				06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS22-9'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		98.9 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2523036
Chloride	686	20.0	1	06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS23-9'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2523036
	670	20.0		06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS25-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	39.9	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		98.9 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2523036



Chloride

# **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS26-0'

		E505326-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	98.8	25.0	1	06/02/25	06/03/25	_
Oil Range Organics (C28-C36)	76.7	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		99.7 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2523036

20.0

65.6

06/02/25

06/03/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS27-2'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ai	nalyst: SL		Batch: 2522097
ND	0.0250	1	05/31/25	06/02/25	
ND	0.0250	1	05/31/25	06/02/25	
ND	0.0250	1	05/31/25	06/02/25	
ND	0.0250	1	05/31/25	06/02/25	
ND	0.0500	1	05/31/25	06/02/25	
ND	0.0250	1	05/31/25	06/02/25	
	89.1 %	70-130	05/31/25	06/02/25	
mg/kg	mg/kg	A	nalyst: SL		Batch: 2522097
ND	20.0	1	05/31/25	06/02/25	
	96.7 %	70-130	05/31/25	06/02/25	
mg/kg	mg/kg	A	nalyst: NV		Batch: 2523026
57.4	25.0	1	06/02/25	06/03/25	
		1	06/02/25	06/02/25	
ND	50.0	1	06/02/25	06/03/25	
ND	100 %	61-141	06/02/25	06/03/25	
ND mg/kg					Batch: 2523036
	mg/kg  ND ND ND ND ND ND ND ND ND MD MD MD MG/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           89.1 %         mg/kg           ND         20.0           96.7 %         mg/kg           mg/kg         mg/kg	Result         Limit         Diluti           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           89.1 %         70-130           mg/kg         mg/kg         A           ND         20.0         1           96.7 %         70-130         70-130           mg/kg         mg/kg         A	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0250         1         05/31/25           ND         0.0500         1         05/31/25           ND         0.0250         1         05/31/25           mg/kg         mg/kg         Analyst: SL           mg/kg         mg/kg         Analyst: SL           mg/kg         70-130         05/31/25           mg/kg         mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         05/31/25         06/02/25           ND         0.0500         1         05/31/25         06/02/25           ND         0.0250         1         05/31/25         06/02/25           89.1 %         70-130         05/31/25         06/02/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         05/31/25         06/02/25           mg/kg         Mg/kg         Analyst: SL         06/02/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS28-0'

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		2000020 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		vst: SL	1 11111/200	Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2523036
Chloride	119	20.0	1	06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS29-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2523036



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS31-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Benzene	ND	0.0250	1	05/31/25	06/02/25	
Ethylbenzene	ND	0.0250	1	05/31/25	06/02/25	
Toluene	ND	0.0250	1	05/31/25	06/02/25	
o-Xylene	ND	0.0250	1	05/31/25	06/02/25	
p,m-Xylene	ND	0.0500	1	05/31/25	06/02/25	
Total Xylenes	ND	0.0250	1	05/31/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522097
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	05/31/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2523026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2523036
	ND	20.0		06/02/25	06/03/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS32-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/02/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/02/25	
Toluene	ND	0.0250	1	06/01/25	06/02/25	
o-Xylene	ND	0.0250	1	06/01/25	06/02/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/02/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		105 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2523033
Chloride	ND	20.0	1	06/02/25	06/02/25	•



Chloride

# **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS33-0'

		E505326-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/02/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/02/25	
Toluene	ND	0.0250	1	06/01/25	06/02/25	
o-Xylene	ND	0.0250	1	06/01/25	06/02/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/02/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		101 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2523033

20.0

58.9

06/02/25

06/02/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS34-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/02/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/02/25	
Toluene	ND	0.0250	1	06/01/25	06/02/25	
o-Xylene	ND	0.0250	1	06/01/25	06/02/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/02/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2523033
Chloride	33.6	20.0	1	06/02/25	06/02/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS35-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/02/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/02/25	
Toluene	ND	0.0250	1	06/01/25	06/02/25	
p-Xylene	ND	0.0250	1	06/01/25	06/02/25	
o,m-Xylene	ND	0.0500	1	06/01/25	06/02/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2523033
Chloride	ND	20.0	1	06/02/25	06/02/25	<del></del>



Chloride

# **Sample Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS39-4'

		E505326-25				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/02/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/02/25	
Toluene	ND	0.0250	1	06/01/25	06/02/25	
o-Xylene	ND	0.0250	1	06/01/25	06/02/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/02/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/02/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/01/25	06/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		99.0 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2523033

20.0

278

06/02/25

06/02/25



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS40-4'

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Aniaryte	Kesuit	Limit	Dilution	i i i i i i i i i i i i i i i i i i i	Anaryzeu	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/03/25	
Toluene	ND	0.0250	1	06/01/25	06/03/25	
o-Xylene	ND	0.0250	1	06/01/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/03/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2523033
Chloride	120	20.0	1	06/02/25	06/02/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS41-4'

Batch: 2523001
Batch: 2523001
25 25 25 25 25 25
25 25 25 25 25
25 25 25 25
25 25 25
25
25
'5
-
Batch: 2523001
25
25
Batch: 2523047
25
25
25
Batch: 2523033
25
/2



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS48-0'

		ъ				
Analysta	Result	Reporting Limit	Dilution	Duomonod	Amalagad	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/03/25	
Toluene	ND	0.0250	1	06/01/25	06/03/25	
o-Xylene	ND	0.0250	1	06/01/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/03/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	29.7	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		100 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2523033
Chloride	74.4	20.0	1	06/02/25	06/02/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

#### FS49-0'

1532	

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523001
Benzene	ND	0.0250	1	06/01/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/03/25	
Toluene	ND	0.0250	1	06/01/25	06/03/25	
o-Xylene	ND	0.0250	1	06/01/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/03/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523001
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/01/25	06/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523047
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/04/25	
Surrogate: n-Nonane		104 %	61-141	06/02/25	06/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2523033
Chloride	73.8	20.0	1	06/02/25	06/02/25	· · · · · · · · · · · · · · · · · · ·



### **QC Summary Data**

		QC Si	umm	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	aucho Unit 17					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				6/20/2025 12:51:30PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522097-BLK1)							Prepared: 0	5/31/25 A	nalyzed: 06/02/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			
LCS (2522097-BS1)							Prepared: 0	5/31/25 A	nalyzed: 06/02/25
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	5.00	0.0250	5.00		99.9	70-130			
Coluene	5.05	0.0250	5.00		101	70-130			
-Xylene	4.94	0.0250	5.00		98.8	70-130			
o,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.7	70-130			
Matrix Spike (2522097-MS1)				Source:	E505326-	05	Prepared: 0	5/31/25 A	nalyzed: 06/02/25
Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
-Xylene	5.02	0.0250	5.00	ND	100	70-130			
o,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.21		8.00		90.1	70-130			
Matrix Spike Dup (2522097-MSD1)				Source:	E505326-	05	Prepared: 0	5/31/25 A	nalyzed: 06/02/25
Benzene	5.53	0.0250	5.00	ND	111	70-130	6.86	27	
Ethylbenzene	5.45	0.0250	5.00	ND	109	70-130	6.90	26	
Toluene	5.50	0.0250	5.00	ND	110	70-130	6.84	20	
o-Xylene	5.38	0.0250	5.00	ND	108	70-130	6.92	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	6.91	23	
Total Vilance	16.4	0.0250	15.0	ND	100	70 120	6.01	26	



16.4

7.24

0.0250

15.0

8.00

ND

109

70-130

70-130

6.91

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

### **QC Summary Data**

		QC Si	umm	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	aucho Unit 17 1058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				6/20/2025 12:51:30PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523001-BLK1)							Prepared: 0	6/01/25 A	nalyzed: 06/02/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			
LCS (2523001-BS1)							Prepared: 0	6/01/25 A	nalyzed: 06/02/25
Benzene	4.99	0.0250	5.00		99.8	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	4.96	0.0250	5.00		99.1	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
o,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			
Matrix Spike (2523001-MS1)				Source:	E505326-	21	Prepared: 0	6/01/25 A	nalyzed: 06/02/25
Benzene	4.57	0.0250	5.00	ND	91.5	70-130			
Ethylbenzene	4.53	0.0250	5.00	ND	90.6	70-130			
Toluene	4.54	0.0250	5.00	ND	90.9	70-130			
o-Xylene	4.48	0.0250	5.00	ND	89.7	70-130			
o,m-Xylene	9.19	0.0500	10.0	ND	91.9	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			
Matrix Spike Dup (2523001-MSD1)				Source:	E505326-	21	Prepared: 0	6/01/25 A	nalyzed: 06/02/25
Benzene	5.05	0.0250	5.00	ND	101	70-130	9.85	27	
Ethylbenzene	5.01	0.0250	5.00	ND	100	70-130	10.1	26	
Toluene	5.02	0.0250	5.00	ND	100	70-130	9.98	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130	10.1	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	9.97	23	
Total Villamas	15.1	0.0250	15.0	ND	101	70 120	10.0	26	



15.1

7.64

0.0250

15.0

8.00

ND

101

95.5

70-130

70-130

10.0

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			6	5/20/2025 12:51:30PM
	Non		Analyst: SL						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2522097-BLK1)							Prepared: 0	5/31/25 An	alyzed: 06/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
LCS (2522097-BS2)							Prepared: 0	5/31/25 An	alyzed: 06/02/25
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.2	70-130			
Matrix Spike (2522097-MS2)				Source:	E505326-	05	Prepared: 0	5/31/25 An	alyzed: 06/02/25
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike Dup (2522097-MSD2)				Source:	E505326-	05	Prepared: 0	5/31/25 An	alyzed: 06/02/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	9.24	20	

8.00

98.3

70-130

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/20	0/2025 12:51:30PM	
Nonhalogenated Organics by EPA 8015D - GRO  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 (2523001-BLK1)							Prepared: 06	5/01/25 Analy	/zed: 06/02/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130				
LCS (2523001-BS2)							Prepared: 06	5/01/25 Analy	zed: 06/02/25	
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.97		8.00		112	70-130				
Matrix Spike (2523001-MS2)				Source:	E505326-	21	Prepared: 06	5/01/25 Analy	zed: 06/02/25	
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.04		8.00		113	70-130				
Matrix Spike Dup (2523001-MSD2)				Source:	E505326-	21	Prepared: 06	5/01/25 Analy	zed: 06/02/25	
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130	0.0270	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.79		8.00		110	70-130				

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			6	/20/2025 12:51:30PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523026-BLK1)							Prepared: 0	6/02/25 An	alyzed: 06/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.7	61-141			
LCS (2523026-BS1)							Prepared: 0	6/02/25 An	alyzed: 06/02/25
Diesel Range Organics (C10-C28)	275	25.0	250		110	66-144			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike (2523026-MS1)				Source:	E505326-	10	Prepared: 0	6/02/25 An	alyzed: 06/02/25
Diesel Range Organics (C10-C28)	431	25.0	250	89.2	137	56-156			
Surrogate: n-Nonane	50.4		50.0		101	61-141			
Matrix Spike Dup (2523026-MSD1)				Source:	E505326-	10	Prepared: 0	6/02/25 An	alyzed: 06/02/25
Diesel Range Organics (C10-C28)	412	25.0	250	89.2	129	56-156	4.63	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				6/20/2025 12:51:30PN
	Nonhal	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523047-BLK1)							Prepared: 0	6/02/25 A	nalyzed: 06/04/25
riesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.7		50.0		103	61-141			
.CS (2523047-BS1)							Prepared: 0	6/02/25 A	nalyzed: 06/04/25
riesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
urrogate: n-Nonane	50.3		50.0		101	61-141			
Matrix Spike (2523047-MS1)				Source:	E505326-2	27	Prepared: 0	6/02/25 A	nalyzed: 06/04/25
riesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156			
urrogate: n-Nonane	50.8		50.0		102	61-141			
Matrix Spike Dup (2523047-MSD1)				Source:	E505326-2	27	Prepared: 0	6/02/25 A	nalyzed: 06/04/25
tiesel Range Organics (C10-C28)	291	25.0	250	ND	117	56-156	0.0638	20	
urrogate: n-Nonane	49.9		50.0		99.8	61-141			



Chloride

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Gaucho Unit 17H 01058-0007	Reported:						
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/20/2025 12:51:30PM						
Aniona by EDA 200 0/0056 A									

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			(	5/20/2025 12:51:30PN	М
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 (2523033-BLK1)							Prepared: 0	06/02/25 Ar	nalyzed: 06/02/25	
Chloride	ND	20.0								
LCS (2523033-BS1)							Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2523033-MS1)				Source:	E505323-	05	Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25	
Chloride	261	20.0	250	ND	104	80-120				
Matrix Spike Dup (2523033-MSD1)				Source:	E505323-	05	Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25	

250

104

80-120

0.119

20.0



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 1058-0007	7H				Reported:
Artesia NM, 88210		Project Manager:	: A	shley Gioveng	go				6/20/2025 12:51:30PM
		Anions	by EPA 3	300.0/9056 <i>£</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523036-BLK1)							Prepared: 0	6/02/25 A	nalyzed: 06/03/25
Chloride	ND	20.0							
LCS (2523036-BS1)							Prepared: 0	6/02/25 A	analyzed: 06/03/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2523036-MS1)				Source:	E505326-	03	Prepared: 0	6/02/25 A	analyzed: 06/03/25
Chloride	288	20.0	250	35.5	101	80-120			
Matrix Spike Dup (2523036-MSD1)				Source:	E505326-	03	Prepared: 0	6/02/25 A	analyzed: 06/03/25
Chloride	290	20.0	250	35.5	102	80-120	0.575	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/20/25 12:51

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.



Clien	ab nt Inform	nation	Invoice	Information			Lab U	se Or	ıly			1	TAT	
Client: Devon			Company: Devor		Lab Wo	2#_	01.	Job	Num	ber	1	LD 20	3D	Std N
Project Gaucho Unit		Va. 10-10-1	Address: 5315 Bu		E50	03	210	OIC	58	· 00	01			x x
Project Manager: Ash Address: 3122 Nation			Phone: (575)689-	orlsbad NM, 88220				Ans	lucie	and	Metho	od		
City, State, Zip: Carlsh			Email: jim.raley@				T	T	1 4 3 1 3	anu	WIELIN	T		SDWA
Phone: 575-988-0055			Miscellaneous: Jim											55111
Email: agiovengo@en	ısolum.c	:om	Annual Control		<u>+</u>	12 2								Complia
					7 3108 74	08 40	77	00	0.0	¥	tals			PWSID
- 1			mple Information	h 4 .		ORO L	by 80	y 826	de 30	- 500:	8 Me	NN	¥	a du
Sampled Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Somber	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Samle
11225/29/25	Soil	. 1	F301-01									х		4.0
1123	1	4	62	2								х		4.4
1126			03	3	3							х		4.8
1124			04	4	7							х		500
1125			05	=	5							х		4.2
1121			106									х		4.4
1121		MT =	07			T						х		4.4
1128			12	1	7							х		36
1129			13		7		t					×		4.0
1135	1	1	Jis I	1	0	t	T					×		4.2
Sampled by:Israel Est Relinquished by: (Signature	n validity and trellae)	d authenticity of this sa	Time	V 7	location, da	Dat	me of c	ollectio	n is cor	Time	ed fraud a	and may		0.0.000
Reinquished by Signature Relinquished by: (Signature telinquished by: (Signature	e) **	Date	30-25 1750 61.25 Cloo	eceived by: (Signature)		Dat	·3	31-2	5	Time	18	00		received par above 0 b subs

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

~	lytical L Clie	nt Inform	ation		Invoid	ce Information				La		e On					TA			Stat	
Client: D	evon				Company: Devo			Lab	WO#	52		Job			_	1D	2D	3D Std	NM	CO UT	TX
Project	Gaucho Uni	t #017H			Address: 5315 B		-	E	200	2	Q	Old	<u> 28.</u>	000	511			x	X		
	lanager: As	_			City, State, Zip: (		220					_									
	3122 Natio		WEST A PLANTS IN SEC.		Phone: (575)689							Ana	lysis	and	Metr	nod			SDWA	CWA	RCRA
	e, Zip: Carls		88220	-	Email: jim.raley(														SUWA	CVVA	NCNA
Marie Control	575-988-005 giovengo@e		om		Miscellaneous: Jin	п катеу			100										Complian	ce Y	or N
Liliali. a	giovengowe	iisoiuiii.c	OIII						801	8015	1		0	_	sis				PWSID#		
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		101 44	.ab mber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300,0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Rer	marks
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903					22		1	3									x		4.8		
904					23		10	1									x		5.0		
1148					25		1	5									x		4.8		
1144					24		1	0									x		4.2		
1140					27		1	7									x		3:4		
1142					28		1	8									x		3.2		
1147					29		(	7									x		3.0		
115	1	V			1/31	V	2	0									x		4.0		
	nal Instruction	ns: Ple	ease CC: c	burton@ensolu	m.com, agiovengo@	ensolum.com, j	im.raley@	dvn.c	om,	iestre	ella@	ens	olum	.com	, cha	milt	on@	ensolun	.com,		
bmoir@	ensolum.co	m										11			14	1 - 1		2 2000 P. P.	Alamata and		
			d authenticity	of this sample. I am a	ware that tampering with o	r intentionally mislabel	ing the sample	locatio	on, date	or tim	e of co	ollectio	n is co	nsidere	o frau	a and	тау Б	e grounds fo	r regar action		
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And	Clie	nt Inform	nation		Invo	oice Information				La	b Us	e On	ıly				TA				ate	
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roject	Gaucho Uni	t #017H			Address: 5315	Buena Vista Dr		_ E	305	53	10	0/0	58.	00	07			X	x			
Project N	Manager: Asl	hley Giov	engo		City, State, Zip:	Carlsbad NM, 88	220															
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)68	9-7597		_				Ana	lysis	and	Met	hod			E	PA Pro	gram	
City, Stat	te, Zip: Carls	bad NM,	88220		Email: jim.raley	@dvn.com													SDWA	CW.	A R	RCRA
Phone:	575-988-005	5			Miscellaneous: Ji	im Raley																
Email: a	giovengo@e	nsolum.c	om						135	115									Complia		Y or	r
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905					39 25											x		4.4				
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	V																х					
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Page 191 of 270

envirotech Inc.

Printed: 6/2/2025 10:48:59AM

#### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	06/02/25 (	07:00			Work Order ID:	E505326
Phone:	(505) 382-1211	Date Logged In:	05/30/25	16:02			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/06/25	17:00 (4 d	ay TAT)			
Chain of	Custody (COC)							
	e sample ID match the COC?		Yes					
	ne number of samples per sampling site location ma	tch the COC	Yes					
	amples dropped off by client or carrier?		Yes	C	arrier: C	<u>'ourier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes				<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)							
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	<u>Cooler</u>							
7. Was a s	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e 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	e sample received on ice?		Yes					
	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling							
	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded i	ın comme	ents.			
Sample C								
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?	_	NA					
	on-VOC samples collected in the correct containers		Yes					
	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab	<del></del>							
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes					
	ate/Time Collected?		Yes		l			
	ollectors name?		No					
Sample P	reservation_		- 10					
21. Does	the COC or field labels indicate the samples were p	reserved?	No					
22. Are sa	imple(s) correctly preserved?		NA					
24. Is lab	filtration required and/or requested for dissolved m	etals?	No					
Multipha	se Sample Matrix							
	the sample have more than one phase, i.e., multipha	se?	No					
	does the COC specify which phase(s) is to be analy		NA					
	act Laboratory							
-	imples required to get sent to a subcontract laborato	m/9	No					
	subcontract laboratory specified by the client and i	-	NA	Subcont	root I ob	. NA		
		i so who:	1421	Subcom	raci Lau	, INA		
Client In	<u>struction</u>							

Date

Signature of client authorizing changes to the COC or sample disposition.

Received by OCD: 7/22/2025 8:22:27 AM

Page 1 of 3

	lytical L Clier	nt Inform	ation		Inv	oice Information				Lab U	se O	nly			TA	AT		State
	evon Gaucho Unit Manager: Asl		engo			von Energy 5 Buena Vista Dr :: Carlsbad NM, 882		E50	83	26	OLC	Numt	er	1D	2D	3D St	td NM	CO UT
City, Stat Phone:	3122 Nation e, Zip: Carls 575-988-005	bad NM,	88220		Phone: (575)6 Email: jim.ral Miscellaneous:	ey@dvn.com				I	Ana	lysis	and M	ethod			SDWA	PA Progra
Email: a	giovengo@e	nsolum.c	om						8015			9	1				PWSID #	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample Infor	mation Sample ID		Field Filter Num	b	DRO/ORO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX		BGDOC - NM	36DOC - TX	Samle	Rem
1122	5/29/2	5011	1	F	-501-6		1								x		4.0	Chan
1123	1	1	1		1 62 1		2								x		4.4	Same
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1124					04		4								x		5:0	per c
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1135 Addition	nal Instructio	ns: Ple	ase CC: c	burton@ensolum	.com, agiovengo	@ensolum.com, jim	.raley@dv		n, iest	rella(	Dens	olum.	com, c	hamilt	x ton@	ensolu	4-2 m.com,	Clo
		e validity and	dauthenticity	of this sample. I am aw	are that tampering wit	or intentionally mislabeling	the sample loc	ation, d	late or t	me of c	ollectio	n is con	idered fr	aud and	may be	grounds	for legal action	(Ola
Relinquish	ed by: (Signatur	el ·		Date 5/30/25	Time 7 = []	Received by (Signatu	Gonz	alec	Da	\$.3	0-2	S	Time	711	Shirt.	p		requiring th must be re
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· K.	ed by: (Signatur		Made	5.31.25 Date	6200	Received by: (Signatu	and the		Da	000	31-2	5	(0/	5			subs	equent day
	ed by: (Signatur			Date	Tirne	Received by: (Signatu				te	-	200	lime	THE REAL PROPERTY.			Rece	eived on ice

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

3envirote

Client: Devon

Relinquished by: (Signature)

Phone: 575-988-0055

Received by OCD: 7/22/2025 8:22:27 AM

nalytical	ab_			Involv	ce Information			-	Lak	Use	Only				TAT			Stat	e
	nt Inform	ation		Company: Devo			Lab	WO#	Let		b Nur	nher		1D 2		Istd	NN	COLUT	
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ress: 3122 Natio	The second second second	AND RESIDENCE		Phone: (575)689-						A	nalysi	s an	d Met	hod			E	PA Progra	am
State, Zip: Carls				Email: iim.raley@dvn.com					T	100							SDWA	CWA	RCRA
ne: 575-988-005				Miscellaneous: Jim					-			1					DOM UNI		
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e Date Sampled	Matrix	No. of Containers	F-1/15	Sample ID		Filter In National	ab nber	око/око ьу	GRO/DRO by	STEX by 8021	Chloride	TCEQ 1005	RCRA 8 Metab		BGDOC		Samle	нег	narks
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04				23 49											K		5.0		
48				25		114	5								K		4.8		
19				124		10	0								K		4.2		
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|Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Sample Matrix: 5 - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

#### **Chain of Custody**

Page <u>3</u> of <u>3</u>

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Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E506010

Job Number: 01058-0007

Received: 6/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/9/25

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: 6/9/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E506010

Date Received: 6/3/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2025 8:00:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

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### Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW01-0-4'	5
SW02-0-9'	6
SW03-0-9'	7
SW04-0-6'	8
SW05-0-5'	9
SW06-0-5'	10
SW07-0-4'	11
SW08-0-2'	12
SW09-0-1'	13
FS14-0.5'	14
FS24-0.5'	15
FS30-0.5'	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	18
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	19
QC - Anions by EPA 300.0/9056A	20
Definitions and Notes	21
Chain of Custody etc.	22

#### Sample Summary

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/09/25 10:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01-0-4'	E506010-01A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW02-0-9'	E506010-02A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW03-0-9'	E506010-03A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW04-0-6'	E506010-04A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW05-0-5'	E506010-05A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW06-0-5'	E506010-06A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW07-0-4'	E506010-07A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW08-0-2'	E506010-08A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
SW09-0-1'	E506010-09A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
FS14-0.5'	E506010-10A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
FS24-0.5'	E506010-11A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
FS30-0.5'	E506010-12A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW01-0-4' E506010-01

		E300010-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		112 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2523089
Chloride	57.5	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW02-0-9'

		E506010-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		113 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2523089
Chloride	47.3	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW03-0-9'

		E506010-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		115 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2523089
Chloride	372	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW04-0-6'

		E506010-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		119 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2523089
Chloride	99.1	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW05-0-5'

E506010-05							
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073	
Benzene	ND	0.0250	1	06/03/25	06/04/25		
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25		
Toluene	ND	0.0250	1	06/03/25	06/04/25		
o-Xylene	ND	0.0250	1	06/03/25	06/04/25		
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25		
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25		
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/03/25	06/04/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/03/25	06/04/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2523083	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25		
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25		
Surrogate: n-Nonane		113 %	61-141	06/03/25	06/05/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2523089	
Chloride	67.9	20.0	1	06/03/25	06/04/25		



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW06-0-5'

		E506010-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		116 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2523089
Chloride	52.8	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW07-0-4'

		E506010-07				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		114 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2523089
Chloride	ND	20.0	1	06/03/25	06/04/25	·



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW08-0-2'

		E506010-08				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		114 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2523089
Chloride	ND	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### SW09-0-1'

		E506010-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		111 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2523089
Chloride	107	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### FS14-0.5' E506010-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		112 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2523089
Chloride	61.1	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### FS24-0.5' E506010-11

		E300010-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: SL		st: SL		Batch: 2523073	
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
oluene	ND	0.0250	1	06/03/25	06/04/25	
-Xylene	ND	0.0250	1	06/03/25	06/04/25	
o,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		116 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2523089
Chloride	32.3	20.0	1	06/03/25	06/04/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

#### FS30-0.5'

		E506010-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2523073
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
o,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2523073
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2523083
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		116 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2523089
Chloride	65.3	20.0	1	06/03/25	06/04/25	



		QC SI	umma	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	aucho Unit 17 1058-0007 shley Giovens					<b>Reported:</b> 6/9/2025 10:17:17AM
Aitesia Nivi, 60210		Troject Manager.	A	sincy Glovens	<u> </u>				0/9/2023 10.17.17710
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523073-BLK1)							Prepared: 0	6/03/25 A	analyzed: 06/04/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			
LCS (2523073-BS1)							Prepared: 0	6/03/25 A	analyzed: 06/04/25
Benzene	4.85	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.89	0.0250	5.00		97.9	70-130			
Toluene	4.88	0.0250	5.00		97.6	70-130			
-Xylene	4.89	0.0250	5.00		97.8	70-130			
,m-Xylene	9.95	0.0500	10.0		99.5	70-130			
Total Xylenes	14.8	0.0250	15.0		98.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			
Matrix Spike (2523073-MS1)				Source:	E506010-	02	Prepared: 0	6/03/25 A	analyzed: 06/04/25
Benzene	4.77	0.0250	5.00	ND	95.3	70-130			
Ethylbenzene	4.80	0.0250	5.00	ND	95.9	70-130			
Coluene	4.79	0.0250	5.00	ND	95.9	70-130			
p-Xylene	4.77	0.0250	5.00	ND	95.3	70-130			
o,m-Xylene	9.74	0.0500	10.0	ND	97.4	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			
Matrix Spike Dup (2523073-MSD1)				Source:	E506010-	02	Prepared: 0	6/03/25 A	analyzed: 06/04/25
Benzene	4.73	0.0250	5.00	ND	94.5	70-130	0.831	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130	1.10	26	
Toluene	4.80	0.0250	5.00	ND	95.9	70-130	0.0167	20	
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130	1.07	25	
o,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130	1.08	23	
T + 137 1	147	0.0050	150	NID	07.0	70 120	1.00	26	



14.7

8.16

0.0250

15.0

8.00

ND

97.8

102

70-130

70-130

1.08

26

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

Artesia NM, 88210		Project Manage	r: As	shley Gioven	go			6	/9/2025 10:17:17AN
	Nor	halogenated	Analyst: SL						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523073-BLK1)							Prepared: 0	6/03/25 Ana	alyzed: 06/04/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.47		8.00		106	70-130			
LCS (2523073-BS2)							Prepared: 0	6/03/25 Ana	alyzed: 06/04/25
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			
Matrix Spike (2523073-MS2)				Source:	E506010-	02	Prepared: 0	6/03/25 Ana	alyzed: 06/04/25
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			
Matrix Spike Dup (2523073-MSD2)				Source:	E506010-	02	Prepared: 0	6/03/25 Ana	alyzed: 06/04/25
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.7	70-130	7.34	20	

108

70-130

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 10:17:17AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6.	/9/2025 10:17:17AN
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523083-BLK1)							Prepared: 0	6/03/25 Ana	llyzed: 06/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	61-141			
LCS (2523083-BS1)							Prepared: 0	6/03/25 Ana	lyzed: 06/04/25
Diesel Range Organics (C10-C28)	288	25.0	250		115	66-144			
Surrogate: n-Nonane	54.6		50.0		109	61-141			
Matrix Spike (2523083-MS1)				Source:	E506010-	10	Prepared: 0	6/03/25 Ana	alyzed: 06/05/25
Diesel Range Organics (C10-C28)	301	25.0	250	ND	121	56-156			
Surrogate: n-Nonane	57.0		50.0		114	61-141			
Matrix Spike Dup (2523083-MSD1)				Source:	E506010-	10	Prepared: 0	6/03/25 Ana	lyzed: 06/05/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156	1.16	20	
Surrogate: n-Nonane	57.3		50.0		115	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 1058-0007	Н				Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	50				6/9/2025 10:17:17AM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523089-BLK1)							Prepared: 0	06/03/25 A	nalyzed: 06/04/25
Chloride	ND	20.0							
LCS (2523089-BS1)							Prepared: 0	06/03/25 A	nalyzed: 06/04/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2523089-MS1)				Source:	E506010-	01	Prepared: 0	06/03/25 A	nalyzed: 06/04/25
Chloride	333	20.0	250	57.5	110	80-120			
Matrix Spike Dup (2523089-MSD1)				Source:	E506010-	01	Prepared: 0	06/03/25 A	nalyzed: 06/04/25
Chloride	433	20.0	250	57.5	150	80-120	26.2	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**

ſ	Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/09/25 10:17

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.



Andry	tical L	nt Inform	ation	Invoice Ir	formation			La	b Us	e Or	ily				T	AT	100	Sta
Client: Dev Project Ga Project Mar	aucho Uni		engo	Company: Devon Er Address: 5315 Buen City, State, Zip: Carls	a Vista Dr	Lab E5	DU	001	0	Olo	Num 58	ber	1	1D	2D	3D S	td NM	CO U
Address: 3:				Phone: (575)689-759						Ana	lysis	and	Met	thod			E	PA Prog
City, State, Phone: 575	Zip: Carls 5-988-005	bad NM, 5	88220	Email: jim.raley@dv Miscellaneous: Jim Ra													SDWA	CWA
Email: agio	vengo@e	nsolum.c	om			1	8015	8015					S				Complian PWSID #	
-				Sample Information			O by	O by	8021	3260	300.0	5-TX	Metal		M	2		
Time Sampled Da	ate Sampled	Matrix	No. of Containers	Sample ID	Field Filter T	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC-TX	Samle Temp	Re
1053 5	5/30/25	5011	)	SW01-0-4	1										x		4.3	
1099		1	)	102-0-9	2	2									x		3.1	
1052				03-0-9	3	3									x		2.9	
1055				04-6-61	4										X		3.2	
1057				05-0-5	5	5									x		2.1	
1058				06-0-5											X		2.3	
1100				07-0-4											X		3.4	
1102				08-0-2	1										x		4.6	
1105	V	1	V	109-0-1	9										x		4.1	
					1	0-1	20	1							X			
Additional			ase CC: c	ourton@ensolum.com, agiovengo@enso		7			ella@	enso	olum	.com	, cha	amilto	n@	ensolu	ım.com,	
25.	), attest to the	e validity and	dauthenticity	of this sample. I am aware that tampering with or inten	tionally mislabeling the sample k	ocation	, date	or tim	e of co	llection	n is co	nsidere	ed frau	ıd and m	nay be	e grounds	for legal action.	
Sampled by: Relinquished		The second second		Date Time Regi	eived by: (Signature)			Date	2	4		Time	57				Samples re	equiring

6.2.25 Date subsequent days. Time Lab Use Only Received on ice: Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

to Imaging: 8/26/2025 1:49:20 PM

**Chain of Custody** 

Analytical Lab Client Information	on	Invoid	e Information			La	Lab Use Only					T	TAT State			te	
Client: Devon		Company: Devo	n Energy	La	ab WC	#		Job 1	lumb	er	10	2D	3D S	td	NM	CO UT	TX
Project Gaucho Unit #017H		Address: 5315 B	uena Vista Dr	E	500	000		010	58	W.			×		х		
Project Manager: Ashley Giovengo	0	City, State, Zip: (	Carlsbad NM, 88220											=	1		
Address: 3122 National Parks Hw	V	Phone: (575)689-	7597					Ana	ysis a	nd N	lethod	1		- 1	EF	A Progr	am
City, State, Zip: Carlsbad NM, 882		Email: jim.raley@	dvn.com	- 5								T		S	DWA	CWA	RCRA
Phone: 575-988-0055		Miscellaneous: Jim															
Email: agiovengo@ensolum.com			100/04		10	L.								Co	mplian	ce Y	or N
					801	801	-		0	× -	SE .			P	WSID#		
	Sample I	nformation			O P	0 6	802	8260	300	XT - 20	Meta	Z	¥		о с		
	io. of ntainers	Sample ID	Field	Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 -	RCRA 8 Metals	BGDOC - NM	BGDOC-TX		Samle Temp	Re	marks
1216 5/30/25 50:1	V.	FS14-0		10	Α.	1						х		1	2.9		
1014 2/20/0 2011	1	1717 0	3		_	1				-		1	$\vdash$				
1218		24		11+2	OM	1						Х			8.5		
1219 1 1.	1	V30 1	/	12								x		3	3.4		_
								H				х					
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						+			-	-	4	+^	$\vdash$	-			
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												x					
												x					
					+	+			-	-	+	1.	H				
									$\dashv$	+	+	X					
												x					
	CC: cburton@ense	olum.com, agiovengo@	ensolum.com, jim.ral	ey@dvr	n.com,	iestr	ella@	enso	lum.	com,	chami	lton@	ensol	um.cc	om,		
bmoir@ensolum.com I, (field sampler), attest to the validity and auth	nenticity of this sample. I	am aware that tampering with or	intentionally mislabeling the s	ample loca	ition, dat	e or tim	ne of co	llection	is cons	idered t	fraud an	d may l	e ground	s for leg	gal action.		
Sampled by:Israel Estrella																	
Relinquished by: (Signature)	b /2/2	Time 7 - 1 (	Received by: (Signature)	and o	les	Date	- )	is	1	ime	74					equiring t	thermal received or
Relinguished by: (Signature)	Date	Time	Received by: (Signature)	8	Non	Date	-			ime		/		ice th	e day th	ney are sa	ampled or
Vickelle Gonza	les 6223	1845	Indew M			6.	2:	LS	_		345						at a temp
Relinquished by: (Signature)	(2.7	7 1 400 /	Received by: (Signature)	Van	2	- LO	.3	25	-	Z Ime	00			abo		t less tha quent da	n 6°C on lys.
Relinquished by: (Signature)	Date	Time (	Received by (Signature)	w		Date				Time			1 [		Lab	Use On	y
Relinquished by: (Signature)	Date	Time	Received by: (Signature)			Date			-	lime .						ved on i	ce:
						1,										-	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A Note: Samples are discarded 14 days afte				ntainer T	ype: g	- glass	s, p -	ooly/p	lastic,	ag - a	mber g	giass,					

envirotech Inc.

Printed: 6/3/2025 8:45:32AM

#### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	06/03/25 0	08:00			Work Order ID:	E506010
Phone:	(505) 382-1211	Date Logged In:	06/02/25 1	15:26			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/09/25 1	17:00 (4 da	y TAT)			
Chain of	Custody (COC)							
1. Does th	ne sample ID match the COC?		Yes					
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes					
3. Were sa	amples dropped off by client or carrier?		Yes	Ca	rrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were a	Il samples received within holding time?	-	Yes					
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi						Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>							
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	<u>Cooler</u>							
7. Was a s	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e 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					
-	e sample received on ice?		Yes					
12. Wus tii	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling	e received within	168					
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded i	in comme	nts.			
Sample C								
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
	on-VOC samples collected in the correct containers	7	Yes					
	appropriate volume/weight or number of sample contain		Yes					
Field Lab	· · · · · · · · · · · · · · · · · · ·	nois concerca.	105					
	field sample labels filled out with the minimum info	ormation.						
	ample ID?	mation.	Yes					
	ate/Time Collected?		Yes					
C	ollectors name?		Yes					
Sample P	reservation_							
21. Does	the COC or field labels indicate the samples were p	reserved?	No					
22. Are sa	ample(s) correctly preserved?		NA					
24. Is lab	filtration required and/or requested for dissolved me	etals?	No					
Multipha	se Sample Matrix							
26. Does	the sample have more than one phase, i.e., multipha	se?	No					
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA					
Subcontr	act Laboratory							
	amples required to get sent to a subcontract laborator	my?	No					
	subcontract laboratory specified by the client and i	•	NA	Subcontr	oot I ob	NI A		
		i so who.	1421	Subconti	act Lau	. INZ		
Client Ir	<u>istruction</u>							

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





## envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E506011

Job Number: 01058-0007

Received: 6/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/9/25

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: 6/9/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E506011

Date Received: 6/3/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2025 8:00:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

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### **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BF01	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

### **Sample Summary**

_			·	
Γ	Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/09/25 15:03

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
BF01	E506011-01A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 3:03:53PM

#### BF01 E506011-01

		E500011-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/04/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/04/25	
Toluene	ND	0.0250	1	06/03/25	06/04/25	
o-Xylene	ND	0.0250	1	06/03/25	06/04/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/04/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/04/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	06/03/25	06/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2523080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/05/25	
Surrogate: n-Nonane		103 %	61-141	06/03/25	06/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2523085

20.0

482



06/04/25

06/03/25

Chloride

		QC Si	umm	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Gaucho Unit 17 01058-0007 Ashley Giovens					Reported: 6/9/2025 3:03:53PM
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523059-BLK1)							Prepared: 0	6/03/25 A	analyzed: 06/03/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			
LCS (2523059-BS1)							Prepared: 0	6/03/25 A	analyzed: 06/03/25
Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.7	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.72		8.00		109	70-130			
Matrix Spike (2523059-MS1)				Source:	E506005-	05	Prepared: 0	6/03/25 A	analyzed: 06/03/25
Benzene	4.83	0.0250	5.00	ND	96.5	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130			
Toluene	4.81	0.0250	5.00	ND	96.3	70-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130			
o,m-Xylene	9.49	0.0500	10.0	ND	94.9	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.53		8.00		107	70-130			
Matrix Spike Dup (2523059-MSD1)				Source:	E506005-	05	Prepared: 0	6/03/25 A	analyzed: 06/03/25
Benzene	4.72	0.0250	5.00	ND	94.5	70-130	2.13	27	
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130	1.62	26	

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

94.6

95.0

93.2

93.8

70-130

70-130

70-130

70-130

70-130

1.79

1.53

1.79

1.70

20

25

23

26

4.73

4.75

9.32

14.1

8.50



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 3:03:53PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/	9/2025 3:03:53PM	
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO		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 (2523059-BLK1)							Prepared: 0	5/03/25 Anal	yzed: 06/03/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130				
LCS (2523059-BS2)							Prepared: 0	6/03/25 Anal	yzed: 06/03/25	
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130				
Matrix Spike (2523059-MS2)				Source:	E506005-	05	Prepared: 0	d: 06/03/25 Analyzed: 06/03/25		
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.3	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130				
Matrix Spike Dup (2523059-MSD2)				Source:	E506005-	05	Prepared: 0	6/03/25 Anal	yzed: 06/03/25	
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130	1.49	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130				

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/9/2025 3:03:53PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			(	6/9/2025 3:03:53PN	
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO		Analyst: HM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2523080-BLK1)							Prepared: 0	6/03/25 An	alyzed: 06/05/25	
Diesel Range Organics (C10-C28)	ND	25.0								
il Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	50.9		50.0		102	61-141				
LCS (2523080-BS1)							Prepared: 0	6/03/25 An	alyzed: 06/05/25	
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144				
urrogate: n-Nonane	50.1		50.0		100	61-141				
Matrix Spike (2523080-MS1)				Source:	E506008-	06	Prepared: 0	6/03/25 An	alyzed: 06/05/25	
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156				
urrogate: n-Nonane	50.3		50.0		101	61-141				
Matrix Spike Dup (2523080-MSD1)				Source:	E506008-	06	Prepared: 0	6/03/25 An	alyzed: 06/05/25	
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	2.39	20		
urrogate: n-Nonane	49.7		50.0		99.3	61-141				



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17 1058-0007	7H				Reported:
Artesia NM, 88210		Project Manager		shley Giovens	go				6/9/2025 3:03:53PM
		Anions	by EPA 3	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523085-BLK1)							Prepared: 0	6/03/25 A	nalyzed: 06/03/25
Chloride	ND	20.0							
LCS (2523085-BS1)							Prepared: 0	6/03/25 A	nalyzed: 06/03/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2523085-MS1)				Source:	E506008-	08	Prepared: 0	6/03/25 A	nalyzed: 06/03/25
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2523085-MSD1)				Source:	E506008-	08	Prepared: 0	6/03/25 A	nalyzed: 06/03/25
Chloride	267	20.0	250	ND	107	80-120	0.167	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/09/25 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.



Imaging: 8/26/2025 1:49:20 PM

envirote

**Chain of Custody** 

	lytical L Clie	nt Inform	nation		Inv	oice Information					Lal		e On					TA	AT			Stat	
Client: [	Devon				Company: De			L	ab V	NO#			Job I	Num	ber	1	1D	2D	3D S	Std	NM	CO UT	TX
Project	Gaucho Uni	it #017H				Buena Vista Dr		_ [	5	00	011		010	28.1	W				X		x		
Project N	Manager: As	hley Giov	engo			: Carlsbad NM, 88	220	_															
	3122 Natio				Phone: (575)68	89-7597							Ana	lysis	s and Method					A Progr			
City, Star	te, Zip: Carls	bad NM,	88220		Email: jim.rale	y@dvn.com															SDWA	CWA	RCRA
Phone:	575-988-005	5			Miscellaneous:	Jim Raley			1	- 4										- [			
Email: a	giovengo@e	nsolum.c	om							115	115										Complianc	e Y	or N
										34 80	98 %	21	0	0.0	×	tals					PWSID#		
				Sample Info	rmation					8	8	γ 80	826	le 30	- 500	Me		N.	¥		a dr		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	oer	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Rei	marks
1342	5/30/2	5 Soil	1		BFOI			1			1							x			4.3		
																		x					
																		x					
																		x					
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100000000000000000000000000000000000000	nal Instruction		ease CC: c	burton@ensolur	n.com, agiovengo	@ensolum.com, ji	m.raley	@dvr	n.co	m, ie	estre	lla@	ensc	lum	.com	, cha	milte	on@	ensol	um.	com,		
I, (field sam Sampled by	pler), attest to th	ne validity and	d authenticity	of this sample. I am a	ware that tampering with	or intentionally mislabeli	ng the san	nple loca	ation,	date o	or time	of col	llection	is cor	nsidere	d frau	d and r	nay be	ground	s for	legal action.		
	ned by: (Signatu			Date   12   12	7=11	Received by (Signa		ong	- 1	00.	Date	1.	)5		Time	חוו	/				amples re		
Reflicauist	ed by Signatu	Plonza	iles	Date	Time 1845	Received by (Signa		1	~~	O <sub>V</sub>	Date	.2.		/	Time	10	ir			ice	the day the	ey are sa	mpled or
Relinque	ned by: (Signatu	ire)		Date	Time	Received by (S) na	(ure)	an	n		Date		25	-	Time	30	47				oove 0 but	less than	6°C on
Cha		1.		Date	7 400 Time	Received by: (Signa	tural				Date	0.			Time	0	<u> </u>	-	-			uent da	
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Relinquish	ned by: (Signatu	ire)		Date	Time	Received by: (Signa	ture)				Date				Time						C	N	

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 230 of 270

Printed: 6/3/2025 8:51:01AM

#### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	06/03/25	08:00		Work Order ID:	E506011
Phone:	(505) 382-1211	Date Logged In:	06/02/25	15:31		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/09/25	17:00 (4 da	y TAT)		
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
2. Does tl	he number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Ca	arrier: Courie	<u>er</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	ill samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•				Commen	ts/Resolution
Sample T	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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 th	ne sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a	re received within	105				
	15 minutes of sampling						
13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comme	nts.		
	Container_						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct container	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field Lal							
	field sample labels filled out with the minimum int	formation:	**				
	ample ID? Date/Time Collected?		Yes				
	Collectors name?		Yes Yes				
	Preservation		103				
	the COC or field labels indicate the samples were	oreserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved n	netals?	No				
	ase Sample Matrix		-				
	the sample have more than one phase, i.e., multiph	ase?	No				
	, does the COC specify which phase(s) is to be ana		NA				
•		1,200.	INA				
	ract Laboratory		3.7				
	amples required to get sent to a subcontract laborat	•	No				
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subconti	act Lab: NA	•	
Client I	<u>nstruction</u>						

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





## envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: Gaucho Unit 17H

Work Order: E506118

Job Number: 01058-0007

Received: 6/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/17/25

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: 6/17/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Gaucho Unit 17H

Workorder: E506118

Date Received: 6/16/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2025 7:30:00AM, under the Project Name: Gaucho Unit 17H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit 17H 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 reguarding 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

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## **Table of Contents**

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS12-0.25'	5
FS15-0.25'	6
FS26-0.25'	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**

ſ	Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/17/25 13:16

Client Sample ID	Lab Sample ID Matrix	Sampled Received	Container
FS12-0.25'	E506118-01A Soil	06/12/25 06/16/25	Glass Jar, 2 oz.
FS15-0.25'	E506118-02A Soil	06/12/25 06/16/25	Glass Jar, 2 oz.
FS26-0.25'	E506118-03A Soil	06/12/25 06/16/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/17/2025 1:16:41PM

#### FS12-0.25' E506118-01

		E300116-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Frepareu	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2525008
Benzene	ND	0.0250	1	06/16/25	06/16/25	
Ethylbenzene	ND	0.0250	1	06/16/25	06/16/25	
Toluene	ND	0.0250	1	06/16/25	06/16/25	
o-Xylene	ND	0.0250	1	06/16/25	06/16/25	
p,m-Xylene	ND	0.0500	1	06/16/25	06/16/25	
Total Xylenes	ND	0.0250	1	06/16/25	06/16/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2525008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/25	06/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2525017
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/25	06/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/25	06/16/25	
Surrogate: n-Nonane		120 %	61-141	06/16/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2525007
Chloride	122	20.0	1	06/16/25	06/16/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/17/2025 1:16:41PM

#### FS15-0.25'

#### E506118-02

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525008
Benzene	ND	0.0250	1	06/16/25	06/16/25	
Ethylbenzene	ND	0.0250	1	06/16/25	06/16/25	
Toluene	ND	0.0250	1	06/16/25	06/16/25	
o-Xylene	ND	0.0250	1	06/16/25	06/16/25	
p,m-Xylene	ND	0.0500	1	06/16/25	06/16/25	
Total Xylenes	ND	0.0250	1	06/16/25	06/16/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: BA			Batch: 2525008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/25	06/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2525017
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/25	06/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/25	06/16/25	
Surrogate: n-Nonane		118 %	61-141	06/16/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2525007
-	144	20.0		06/16/25	06/16/25	



Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/17/2025 1:16:41PM

#### FS26-0.25' E506118-03

		E300116-03				
Angles	Result	Reporting Limit	Dilution	Doggan	A lama d	Notes
Analyte	Result	Lillit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2525008
Benzene	ND	0.0250	1	06/16/25	06/16/25	
Ethylbenzene	ND	0.0250	1	06/16/25	06/16/25	
Toluene	ND	0.0250	1	06/16/25	06/16/25	
o-Xylene	ND	0.0250	1	06/16/25	06/16/25	
o,m-Xylene	ND	0.0500	1	06/16/25	06/16/25	
Total Xylenes	ND	0.0250	1	06/16/25	06/16/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2525008
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/25	06/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	06/16/25	06/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2525017
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/25	06/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/25	06/16/25	
Surrogate: n-Nonane		117 %	61-141	06/16/25	06/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2525007
Chloride	124	20.0	1	06/16/25	06/16/25	



		QC SI	ullilli	ii y Data	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	aucho Unit 17					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				6/17/2025 1:16:41PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525008-BLK1)							Prepared: 0	6/16/25 A	Analyzed: 06/17/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			
LCS (2525008-BS1)							Prepared: 0	6/16/25 A	Analyzed: 06/17/25
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.23	0.0250	5.00		105	70-130			
Coluene	5.31	0.0250	5.00		106	70-130			
-Xylene	5.08	0.0250	5.00		102	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			
Matrix Spike (2525008-MS1)				Source:	E506113-2	24	Prepared: 0	6/16/25 A	Analyzed: 06/17/25
Benzene	5.51	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130			
Toluene	5.44	0.0250	5.00	ND	109	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
o,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			
Matrix Spike Dup (2525008-MSD1)				Source:	E506113-2	24	Prepared: 0	6/16/25 A	Analyzed: 06/17/25
Benzene	5.47	0.0250	5.00	ND	109	70-130	0.893	27	
Ethylbenzene	5.31	0.0250	5.00	ND	106	70-130	0.631	26	
Toluene	5.40	0.0250	5.00	ND	108	70-130	0.828	20	
o-Xylene	5.17	0.0250	5.00	ND	103	70-130	0.687	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	0.751	23	
Total Virlamas	15.9	0.0250	15.0	ND	105	70 120	0.720	26	



15.8

7.47

0.0250

15.0

8.00

ND

105

93.4

70-130

70-130

0.730

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/17/2025 1:16:41PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/1	7/2025 1:16:41PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			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 (2525008-BLK1)							Prepared: 0	6/16/25 Anal	yzed: 06/17/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			
LCS (2525008-BS2)							Prepared: 0	6/16/25 Analy	yzed: 06/17/25
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
Matrix Spike (2525008-MS2)				Source:	E506113-2	24	Prepared: 0	6/16/25 Analy	yzed: 06/17/25
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
Matrix Spike Dup (2525008-MSD2)				Source:	E506113-2	24	Prepared: 0	6/16/25 Analy	yzed: 06/17/25
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130	1.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/17/2025 1:16:41PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			(	5/17/2025 1:16:41PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525017-BLK1)							Prepared: 0	6/16/25 An	nalyzed: 06/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.4		50.0		121	61-141			
LCS (2525017-BS1)							Prepared: 0	6/16/25 An	nalyzed: 06/16/25
Diesel Range Organics (C10-C28)	271	25.0	250		108	66-144			
Surrogate: n-Nonane	57.3		50.0		115	61-141			
Matrix Spike (2525017-MS1)				Source:	E506099-	21	Prepared: 0	6/16/25 An	nalyzed: 06/16/25
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	63.4		50.0		127	61-141			
Matrix Spike Dup (2525017-MSD1)				Source:	E506099-	21	Prepared: 0	6/16/25 An	nalyzed: 06/16/25
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	1.40	20	
Surrogate: n-Nonane	60.1		50.0		120	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		aucho Unit 17	Ή				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				6/17/2025 1:16:41PM
		Anions	by EPA 3	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525007-BLK1)							Prepared: 0	6/16/25	Analyzed: 06/16/25
Chloride	ND	20.0							
LCS (2525007-BS1)							Prepared: 0	6/16/25	Analyzed: 06/16/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525007-MS1)				Source:	E506118-0	)2	Prepared: 0	6/16/25	Analyzed: 06/16/25
Chloride	389	20.0	250	144	97.8	80-120			
Matrix Spike Dup (2525007-MSD1)				Source:	E506118-0	)2	Prepared: 0	6/16/25	Analyzed: 06/16/25
Chloride	409	20.0	250	144	106	80-120	5.14	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**

Devon Energy - Carlsbad	Project Name:	Gaucho Unit 17H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/17/25 13:16

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.



P
Sn
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of
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	Clier	nt Inform	nation		Inve	oice Information	-			Li	ab Us	se On	ly				T	AT			Sta
Client: [					Company: De	von Energy		la	b WO	# 6		Job	Num	ber	_	1D	2D	3D	Std	NM	co u
	Gaucho Unit					Buena Vista Dr		_ (E	500 500			<b>01</b> 0	<u> </u>	<u>wo.</u>	1	X				X	
	Manager: Ash					Carlsbad NM, 882	20	-	_				• •		0.0 - 4					FF	
	3122 Nation te, Zip: Carlst				Phone: (575)68			<b></b>	-	т—		Ana	iysis	and	iviet	noa			-+	SDWA	PA Prog CWA
	575-988-005		00220		Email: jim.rale Miscellaneous: J				-	1									l ⊦	JUVA	CVVA
	giovengo@er		om		iviiscenarieous. 5	iiii Kaicy			15	8015								1		Complian	e Y
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				Sample Int	ormation				니 홅	Į	8 ×	y 826	de 30	SS S	8 Me		N.	¥ :		늘 은	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	T DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle Temp	Re
11:20	6/12/2025	S	1		FS12 - 0.25'		<u> </u>	1									X		L.	31	
11:19	6/12/2025	S	1		FS15 - 0.25'			2									X		Į	4.1	
10:58	6/12/2025	S	1		FS26 - 0.25'			3									X		Ł	43	
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Addition	al Instruction	ns: Ple	ase CC: c	 burton@ensolu	m.com, agiovengo@	ensolum.com, jim.	raley	 @dvn.c	om, ie	 estrel	  a@e	ensol	l um.c	om,	chan	niltor	l n@ei	nsolu	ım.co	m, bmoi	r@ensc
I, (field sam	pler), attest to the	validity and	authenticity	of this sample. I am a	ware that tampering with o	intentionally mislabeling t	he samp	ole location	ı, date o	r time o	of colle	ction is	consid	dered f	raud a	nd may	y be gr	rounds	for lega	l action.	
	: _Chad Hamilton_ ed by: (Signature	<u> </u>		Date	Time	Respived by (Signatu	re)		B .	Dațe				Time	_			I	s	amples re	quiring
Polinguish	ed by: (Signature	1		6/13/25 Date	75 :00	Received the William	<u>,4</u>		(eç	Date	2-1	<u>₹-⊁</u>	7	Time	2 R	00		ł	ı ·	ervation r the day th	
W	n no	Zonz	ales	6-14-25		aut	41	MAR	~			.2	5_	3	73	<u>30</u>			rece	ived pack	ed on ice
Relinquish	ed by: (Signature	e) · <i>O</i>		Date	Time	Received by: (Signatu	re)			Date					\ 				al	oove 0 but subse	t less tha quent da
Relinquish	ed by: (Signature	2)		Date	Time	Received by: (Signatu	re)			Date				Time						Recei	Use On ved on
Relinquish	ed by: (Signature	e)		Date	Time	Received by: (Signatu	re)			Date				Time				1			N (A
	trix: S - Soil, Sd - So			I		4												VOA	<u> </u>		

Printed: 6/16/2025 9:20:51AM

#### **Envirotech Analytical Laboratory**

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:	Devon Energy - Carlsbad	Date Received:	06/16/25	07:30		Work Order ID:	E506118
Phone:	(505) 382-1211	Date Logged In:	06/13/25	15:33		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/16/25	17:00 (0 d	lay TAT)		
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	C	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	all samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•				Commen	ts/Resolution
Sample T	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
<del>-</del>	ne sample received on ice?		Yes				
12. ********	Note: Thermal preservation is not required, if samples a	re received within	103				
	15 minutes of sampling						
13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comm	ents.		
Sample (	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct container	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field La	<u>bel</u>						
20. Were	field sample labels filled out with the minimum inf	formation:					
	ample ID?		Yes				
	Oate/Time Collected?		Yes		<u> </u>		
	Collectors name?		Yes				
	Preservation	10	2.7				
	the COC or field labels indicate the samples were p	oreserved?	No				
	ample(s) correctly preserved?	4-1-0	NA				
24. Is lab	filtration required and/or requested for dissolved n	netais?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiph		No				
27. If yes	s, does the COC specify which phase(s) is to be ana	lyzed?	NA				
Subconti	ract Laboratory						
28. Are s	amples required to get sent to a subcontract laborate	ory?	No				
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcon	tract Lab: NA		
Client I	nstruction						
<u>eneme 1</u>	nistraction .						

Date



## **APPENDIX E**

NMOCD Correspondence

From: <u>Hamlet, Robert, EMNRD</u>

To: <u>Cole Burton</u>

Cc: Raley, Jim; Ashley Giovengo; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

Subject: (Extension Approval) - Devon Energy Production Company, LP - Gaucho Unit #017H - nAPP2505549541

**Date:** Wednesday, May 21, 2025 7:47:36 AM

Attachments: <u>image006.png</u>

image007.png image008.png

#### [ \*\*EXTERNAL EMAIL\*\*]

#### RE: Incident #NAPP2505549541 GAUCHO UNIT #017H

#### Cole,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **August 19th, 2025**. Include this e-mail correspondence in the report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Sent:** Tuesday, May 20, 2025 2:56 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Gaucho Unit

#017H - nAPP2505549541

**From:** Cole Burton < <a href="mailto:cburton@ensolum.com">cburton@ensolum.com</a>>

Sent: Tuesday, May 20, 2025 2:08 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>; Raley, Jim < Jim.Raley@dvn.com>

**Cc:** Ashley Giovengo <a href="mailto:agiovengo@ensolum.com">

**Subject:** [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Gaucho Unit #017H - nAPP2505549541

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello all,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of May 22, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Gaucho Unit #017H (Site) (Incident Number nAPP2505549541). The release occurred on February 21, 2025, and impacted an area on-pad approximately 25,430 square feet in size and off-pad approximately 18,910 square feet in size. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site and the off-pad mist zone was determined to have no detectable contamination. Excavation activities are scheduled to begin on March 21, 2025. Depth to water (DTW) has been established within a half mile radius of the Site and is determined to be greater than 60 feet below ground surface bgs. Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until August 20, 2025. Please let me know if you have any further questions regarding this site.

Thanks.



From: Hamlet, Robert, EMNRD

To: Ashley Giovengo

Cc: Jim.Raley@dvn.com; Rodgers, Scott, EMNRD; Cole Burton; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

Subject: (Variance Approval) - Confirmation Sampling Variance - Gaucho Unit 17H - Incident Number nAPP2505549541

**Date:** Friday, April 4, 2025 3:24:24 PM

Attachments: <u>image006.png</u>

image007.png image008.png

#### [ \*\*EXTERNAL EMAIL\*\*]

Ashley,

The variance is approved for 400 ft2 closure confirmation samples. The release area will still need closure confirmation sidewall samples representing no more than 200 ft2. Please include this e-mail correspondence in the remediation plan and/or remediation closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

**Sent:** Friday, April 4, 2025 1:55 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Confirmation Sampling Variance - Gaucho Unit 17H - Incident Number

nAPP2505549541

**From:** Ashley Giovengo <a href="mailto:agiovengo@ensolum.com">agiovengo@ensolum.com</a>>

**Sent:** Friday, April 4, 2025 1:09 PM

**To:** Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>; Raley, Jim < iim.raley@dvn.com>; Velez,

Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov >; Rodgers, Scott, EMNRD

<<u>Scott.Rodgers@emnrd.nm.gov</u>>

**Cc:** Cole Burton < <u>cburton@ensolum.com</u>>

**Subject:** [EXTERNAL] Confirmation Sampling Variance - Gaucho Unit 17H - Incident Number nAPP2505549541

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

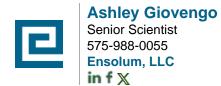
Hello,

Devon Energy Production Company, LP (Devon) is requesting a confirmation sampling variance at the Gaucho Unit 17H (Site). On February 21, 2025, a leaking minion tank resulted in the release of approximately 22 barrels (bbls) of produced water and 64 bbls or crude oil onto the caliche pad; 21 bbls of produced water and 54 bbls of crude oil were recovered from the release area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) and subsequently the release was assigned (Incident Number nAPP2505549541). The release impacted an area approximately 44,340 square feet (sq. ft.) in size on Federal Land managed by the Bureau of Land Management and overspray from the release lightly impacted the pasture area on the west side of the pad. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, CP-01990-POD1, located 284 feet west of the Site. CP-01990-POD1 is a groundwater monitoring well with a reported depth to groundwater greater than 60 feet below ground surface (bgs) and a total depth of 60 feet bgs. A desktop review for potential site receptors has been completed for this Site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is a freshwater pond located approximately 1.04 miles northeast of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 10,000 mg/kg chloride.

Lateral and vertical delineation soil sampling has been completed in accordance with the strictest Closure Criteria per NMOCD Table I (see Figure 2). Thirteen lateral delineation soil sample locations (SS01 through SS13) were collected from around the release extent at ground surface and all were in compliance with the strictest Closure Criteria. Vertical delineation soil sample locations (BH01 through BH04) were all in compliance with the strictest Closure Criteria at a depth of 1-foot bgs in BH01 and BH02, 2 feet bgs in BH03 and 6 ft bgs in BH04 (see Table 1). Ten vertical delineation soil sample locations (BH05 through BH14) were collected from within the overspray area at ground surface and a depth of 0.5 feet bgs and all were in compliance with the strictest Site Closure Criteria at ground surface. Devon would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Devon is in the process of selecting a subcontractor to complete remediation activities and will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 60 ft bgs, Devon believes this *variance request* will provide equal or better protection of public health, the environment.

Devon respectfully requests approval for this *variance request* associated with Incident Number (nAPP2505549541).

Thanks,



"Your authenticity is your superpower." – Unknown

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 464381

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464381
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

rerequisites		
Incident ID (n#)	nAPP2505549541	
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-41854] GAUCHO UNIT #017H	

Location of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information				
Please answer all the questions in this group.				
What is the sampling surface area in square feet	19,081			
What is the estimated number of samples that will be gathered	54			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/23/2025			
Time sampling will commence	09:00 AM			
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537			
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016			

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 464381

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464381
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

Cre By	eated		Condition Date
jra	aley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/19/2025

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 464383

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464383
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2505549541	
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-41854] GAUCHO UNIT #017H	

Location of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,081	
What is the estimated number of samples that will be gathered	54	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/27/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537	
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 464383

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464383
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Create By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/19/2025

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 464386

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464386
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2505549541	
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-41854] GAUCHO UNIT #017H	

Location of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,081	
What is the estimated number of samples that will be gathered	54	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/28/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537	
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 464386

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464386
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Cre By	eated		Condition Date
jra	aley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/19/2025

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 466951

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	466951
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2505549541	
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-41854] GAUCHO UNIT #017H	

Location of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,081	
What is the estimated number of samples that will be gathered	54	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537	
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 466951

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	466951
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/23/2025

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 466953

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	466953
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2505549541	
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-41854] GAUCHO UNIT #017H	

ocation of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	19,081	
What is the estimated number of samples that will be gathered	54	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537	
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 466953

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	466953
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Cre By	eated		Condition Date
jr	aley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/23/2025

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 472927

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	472927
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2505549541
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-41854] GAUCHO UNIT #017H

Location of Release Source	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	19,081
What is the estimated number of samples that will be gathered	54
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella 575-291-9537
Please provide any information necessary for navigation to sampling site	32.370479, -103.502016

General Information Phone: (505) 629-6116

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

CONDITIONS

Action 472927

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	472927
·	Action Type:
· I	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/10/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/10/2025

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

QUESTIONS

Action 487166

# **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2505549541
Incident Name	NAPP2505549541 GAUCHO UNIT #017H @ 30-025-41854
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41854] GAUCHO UNIT #017H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GAUCHO UNIT #017H
Date Release Discovered	02/21/2025
Surface Owner	Federal

Incident Details		
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	

Nature and Volume of Release Material(s) released, please answer all that apply below. Any calculations or specific justifications f	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Fitting   Crude Oil   Released: 64 BBL   Recovered: 54 BBL   Lost 10 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 30 BBL   Recovered: 21 BBL   Lost: 9 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Stuffing box leak on wellhead allowed release of 80+ bbls to pad surface. Approx 75 bbls was recovered. Major notification made via email.

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# 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 487166

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QUESTI	ONS (continued)
Operator:  DEVON ENERGY PRODUCTION COMPANY, LP  333 West Sheridan Ave.  Oklahoma City, OK 73102	OGRID: 6137 Action Number: 487166 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	•
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 07/22/2025

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# **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 487166

# **QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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
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 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 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	No

Remediation Plan	Remediation Plan	
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.		
Requesting a remediation plan approval with this submission	Yes	
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.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	24100	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	52510	
GRO+DRO (EPA SW-846 Method 8015M)	38710	
BTEX (EPA SW-846 Method 8021B or 8260B)	439	
Benzene (EPA SW-846 Method 8021B or 8260B)	91	
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.		
On what estimated date will the remediation commence	05/23/2025	
On what date will (or did) the final sampling or liner inspection occur	06/12/2025	
On what date will (or was) the remediation complete(d)	06/12/2025	
What is the estimated surface area (in square feet) that will be reclaimed	19081	
What is the estimated volume (in cubic yards) that will be reclaimed	1280	
What is the estimated surface area (in square feet) that will be remediated	19081	
What is the estimated volume (in cubic yards) that will be remediated	1280	
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.		

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.

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# **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 487166

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)		
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.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site 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.	

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.

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 07/22/2025

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.

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# 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 487166

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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# 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 487166

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	472927
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2025
What was the (estimated) number of samples that were to be gathered	54
What was the sampling surface area in square feet	19081

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	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	19081	
What was the total volume (cubic yards) remediated	1280	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	19081	
What was the total volume (in cubic yards) reclaimed	1280	
Summarize any additional remediation activities not included by answers (above)	Remediation Complete	

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 07/22/2025

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 7

Action 487166

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 487166

## **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	6137
	Action Number:
Oklahoma City, OK 73102	487166
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Created By		Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2505549541 GAUCHO UNIT #017H, thank you. This Remediation Closure Report is approved.	8/26/2025