



**CLOSURE REQUEST**

**DEVON ENERGY COMPANY**

Created for submission to New Mexico Oil Conservation Division on 02/27/2023

**ASHLEY GIOVENGO**

*Project Environmental Scientist*

**ENERGIZING AMERICA**

February 27, 2023

## Environmental Incident Group

State of New Mexico

Energy, Minerals, and Natural Resources

New Mexico Oil Conservation Division

811 South First Street

Artesia, New Mexico 88210

## RE: CLOSURE REQUEST

<b>COMPANY</b>	Devon Energy Company
<b>LOCATION</b>	Ross Draw Unit #067H
<b>API</b>	30-015-43424
<b>PLSS</b>	Unit B Sec 27 T26S R30E
<b>GPS</b>	32.019665, -103.8666562
<b>INCIDENT ID</b>	nAPP2219542744

## BACKGROUND

Wescom, Inc., hereafter referred to as Wescom, has prepared this Closure Request on behalf of Devon Energy Company, hereafter referred to as Devon, regarding the release at the Ross Draw Unit #067H (Site) located in Unit B, Section 27 Township 26 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates are as follows: North 32.019665 and West -103.8666562. Surface owner of the Site is Bureau of Land Management (BLM). The Site falls within New Mexico Oil Conservation Division (NMOCD), District 1 Hobbs.

On July 8, 2022, a flowline for the Ross Draw Unit #061 failed near the heater treater. This failure resulted in the release of 101 barrels (bbls) of produced water onto the caliche pad and onto an off-pad area beneath the high-pressure flare. Devon immediately isolated the source of the leak and approximately 1 bbl of produced water was recovered. The spill impacted an area between the two containments, an area on the North side of the tank containment and an area off-pad beneath the high-pressure flare as shown in Figure 1.

Wescom personnel arrived onsite on July 21, 2022, to begin a surface scrape of the on-pad spill area and to begin delineation sampling. Wescom personnel returned to the Site on September 15, 2022, to excavate the off-pad spill area and to collect final confirmation samples. Remediation of impacted soils in the off-pad spill area was completed in accordance with the reclamation standard 19.15.29.13 NMAC.



On December 22, 2022, Devon received notice that NMOCD had rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAPP2219542744, for the following reasons:

- Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall/Floor samples should represent no more than 200 square feet.

On February 06, 2023, Wescom personnel returned to the Site to complete delineation sampling and to address concerns regarding sidewall sampling from NMOCD.

## SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is greater than 106 feet below ground surface (bgs) and is 0.3 miles Southeast of the Site. No playas or lakes are located within a one-mile radius of this Site (Attachment C).

## KARST POTENTIAL

According to data from the Bureau of Land Management, this Site is located within medium karst potential as shown in Attachment D. There are no indicators of karst around the Site surface.

## TARGET REMEDIAL LEVELS

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. This Site is in the medium karst potential zone and depth to groundwater is greater than 106 feet bgs therefore, the applicable the applicable Recommended Remediation Action Levels (RRALs) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and xylene (BTEX) and 2500 ppm Total Petroleum Hydrocarbons (TPH) and 1000 ppm combined Gasoline Range Organics (GRO) and Diesel Range Organics (DRO). A chloride concentration at or below 20000 mg/kg (ppm) in the soil is also required.

The off-pad spill area beneath the high-pressure flare was remediated in accordance with the reclamation standard 19.15.29.13 NMAC, where all off-pad spill areas must contain a minimum of four feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg.



Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Ross Draw Unit #067 — 32.019665, -103.8666562						
Depth to Groundwater		Closure Criteria (units in mg/kg)				
		Chloride * numerical limit or background, whichever is greater	TPH	GRO+DRO	BTEX	Benzene
Based on high karst potential		600	100		50	10
No water data within 0.5 mile radius		600	100		50	10
less than 50 ft bgs		600	100		50	10
51 ft to 100 ft bgs		10000	2500	1000	50	10
greater than 100 ft bgs		20000	2500	1000	50	10
106 ft 7 in						
Surface Water		If yes, then				
Yes or No						
< 300 feet from continuously flowing watercourse or other significant watercourse?		No				
< 200 feet from lakebed, sinkhole or playa lake		No				
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?		No				
< 1000 feet from fresh water well or spring?		No				
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?		No				
Within incorporated municipal boundaries or within a defined municipal fresh water well field?		No				
< 100 feet from wetland?		No				
Within area overlying a subsurface mine?		No				
Within an unstable area?		No				
Within a 100-year floodplan?		No				

Table: Closure Criteria Statistics

## DELINEATION ACTIVITIES

On July 7, 2022, Wescom personnel arrived onsite to conduct horizontal and vertical delineation sampling of the spill area as shown in Figure 2. Wescom personnel returned to the Site on February 06, 2023, to recollect vertical delineation sample SS01 and horizontal delineation samples SS04, SS06, and SS08. A background sample, BG01, was collected 51 feet to the South of the caliche pad, as shown in Figure 3.

Delineation sampling of the on-pad and off-pad spill areas was completed in accordance with the strictest closure criteria per Table 1 NMAC. A total of 10 samples were jarred and sent to Envirotech, Inc., for laboratory analysis and all samples were below the applicable RRALs for the Site. Delineation sample locations are presented in Figure 2; laboratory analysis results are presented in Table 1 and laboratory analytical reports are included in Attachment E.

## REMEDIATION ACTIVITIES

Beginning on July 21, 2022, Wescom personnel arrived onsite to oversee the removal of impacted soil. Wescom personnel returned to the Site on August 15, 2022, through August 16, 2022, and again on February 06, 2023, to oversee the removal of impacted soil and to conduct final confirmation sampling. A backhoe was



used to remove approximately 240 cubic yards of contaminated soil from the spill area and impacted material was hauled to an approved disposal facility.

Wescom personnel collected a total of 68 composite confirmation samples and four composite wall samples over the four-day sampling and excavation period. All the confirmation samples were below the applicable RRALs for the Site as shown in Table 2. All soil samples were properly packaged, preserved, and transported to Envirotech, Inc. by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015D, BTEX—Method 8021B, and Chlorides—Method 300.0. Confirmation sample locations are presented in Figure 3 and laboratory analytical reports are included in Attachment E.

The required 48-hour confirmation sampling notification emails were sent on September 12, 2022, and February 1, 2023, to [OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov) and are included in Attachment F.

## REQUEST FOR CLOSURE

On behalf of Devon, Wescom hereby requests closure for the release associated with incident number nAPP2219542744 based on the logic below.

- Depth to water at the Site is greater than 106 feet bgs, as per Attachment D.
- The spill areas have been horizontally and vertically delineated to the strictest criteria per Table 1 NMAC, see Figure 2.
- All confirmation areas and samples are below applicable RRALs for the Site; Sidewall samples are below the strictest criteria per Table 1 NMAC
- Remediation of the off-pad spill area has been completed in accordance with 19.15.29.13 NMAC.
- Impacted material was removed and properly disposed of at an approved facility.

If you have any questions or comments, please do not hesitate to call Ms. Ashley Giovengo at (505) 382-1211.

Sincerely,

Wescom, Inc.

**Ashley Giovengo**

Project Environmental Scientist

cc: Jim Raley, Devon Energy Company  
Environmental Incident Group, NMOCD



# REFERENCE MATERIALS

## FIGURES

**FIGURE 1.** Spill Location

**FIGURE 2.** Delineation Sampling

**FIGURE 3.** Confirmation Sampling

## TABLES

**TABLE 1.** Laboratory Analysis Results: Delineation Samples

**TABLE 2.** Laboratory Analysis Results: Confirmation Samples

## ATTACHMENTS

**ATTACHMENT A.** C-141

**ATTACHMENT B.** Site Photos

**ATTACHMENT C.** Closure Criteria Supporting Documents

**ATTACHMENT D.** Karst Map

**ATTACHMENT E.** Envirotech Inc. Laboratory Analysis Reports

**ATTACHMENT F.** 48-hour Confirmation Sampling Notification Emails

**ATTACHMENT G.** NMOCD Correspondence



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**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

Page 6 of 6

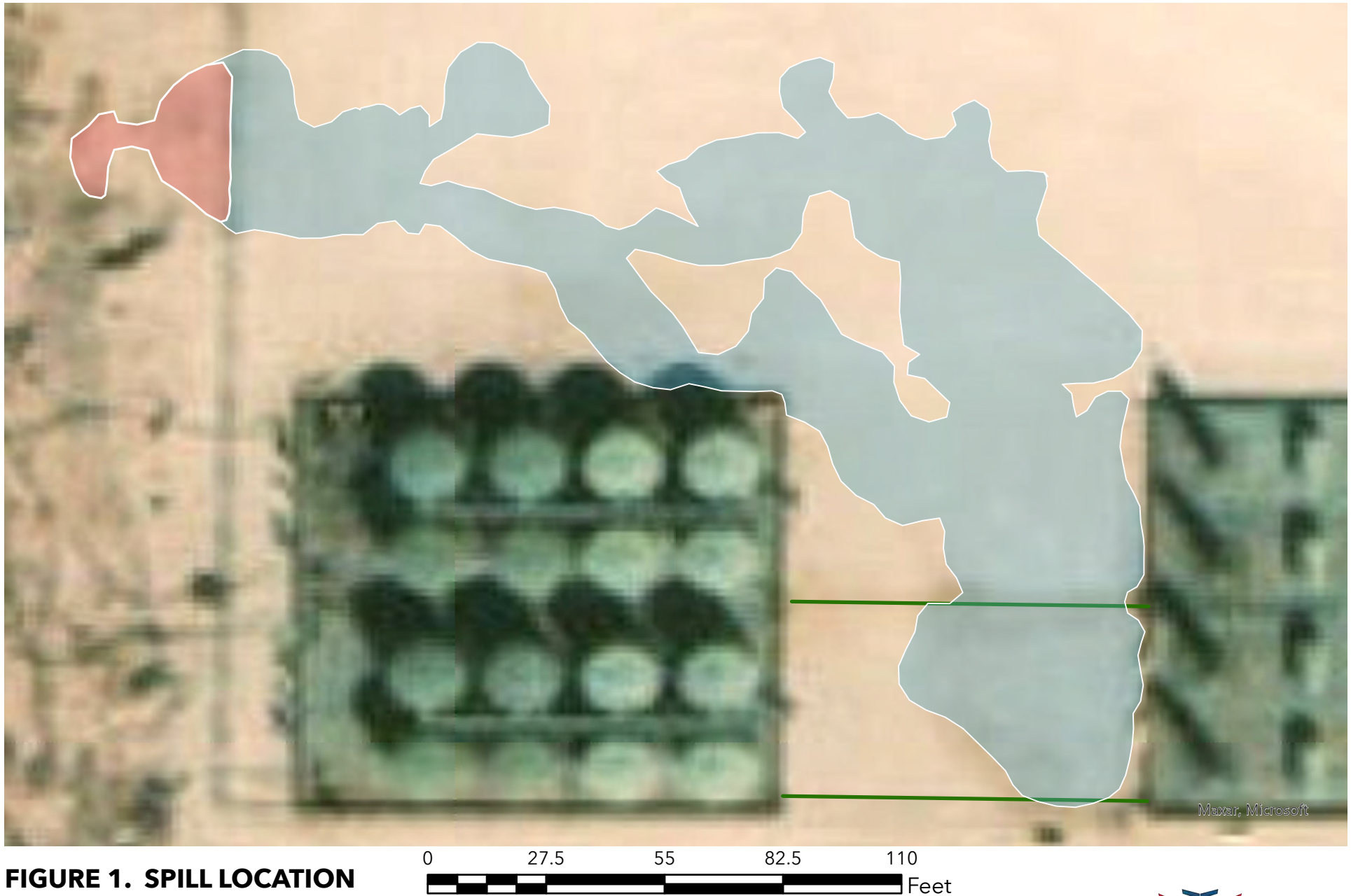
# FIGURES



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**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

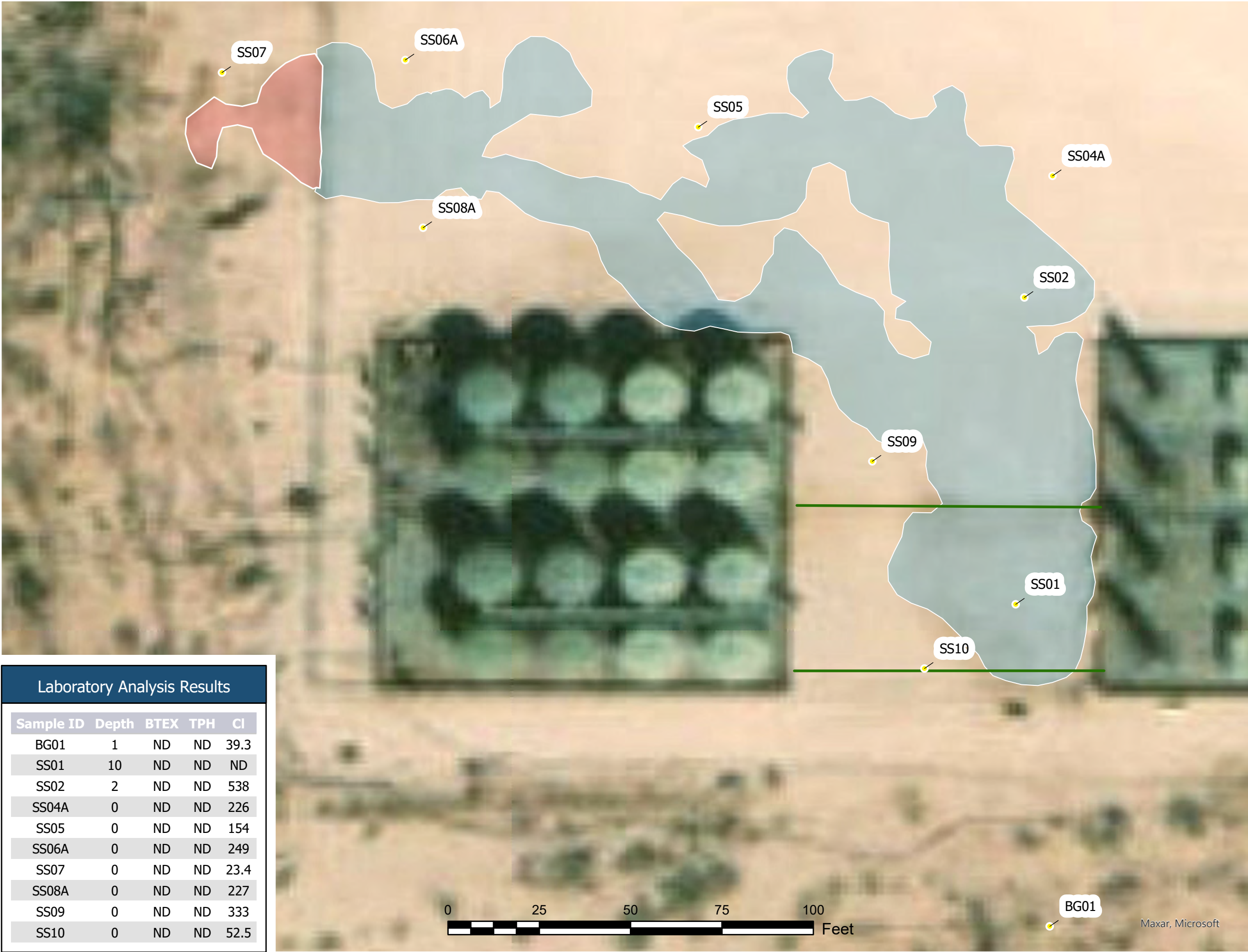
**FIGURE 1. SPILL LOCATION**

Ross Draw Unit #067H  
Incident ID: nAPP2219542744  
API: 30-015-43424  
GPS Coordinates: 32.019665, -103.866656  
Eddy County, New Mexico  
Devon Energy

**LEGEND**

- Pipelines
- On-Pad Spill Area
- Off-Pad Spill Area





**FIGURE 2.  
DELINEATION  
SAMPLING**

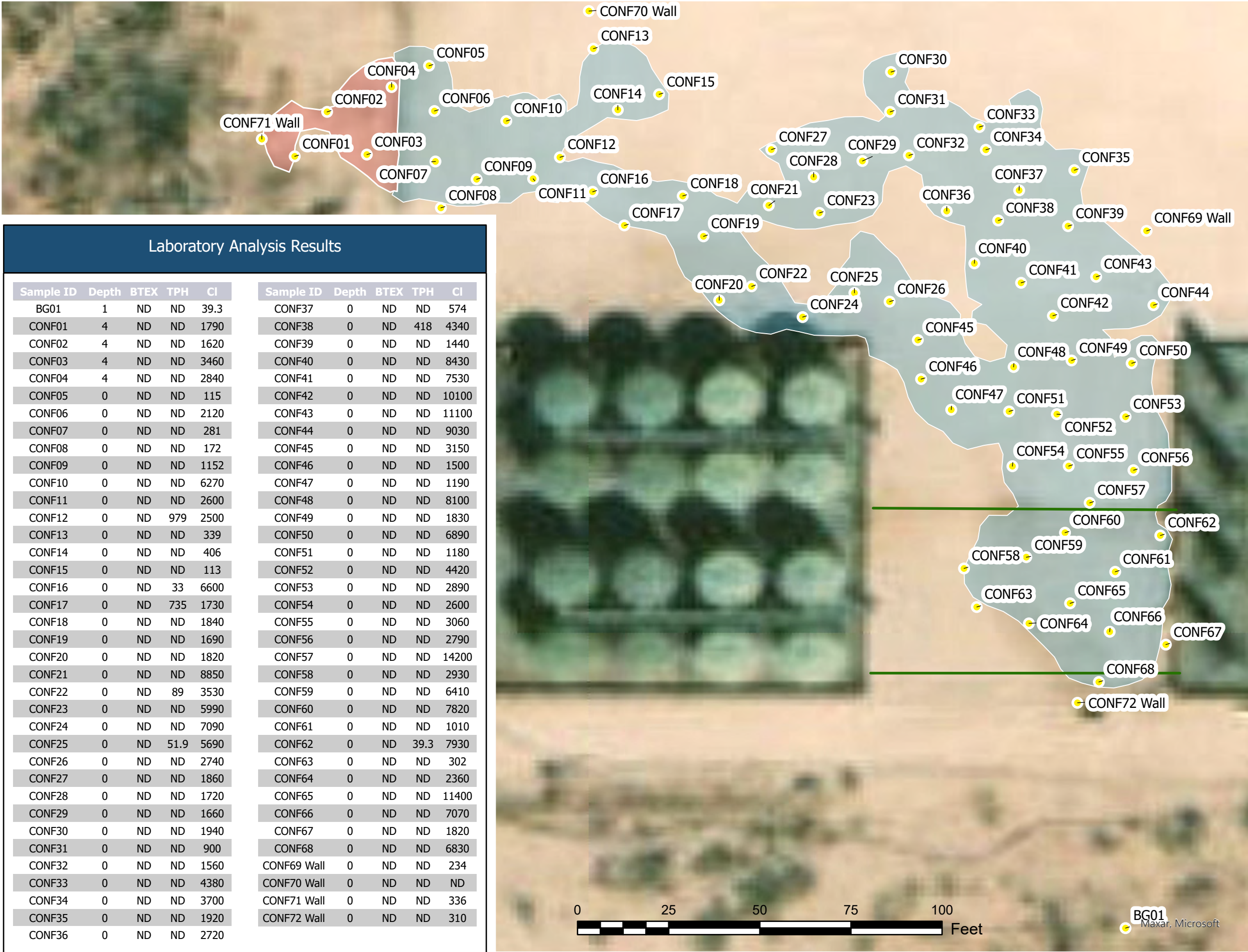
Ross Draw Unit #067H  
Incident ID: nAPP2219542744  
API: 30-015-43424  
GPS Coordinates:  
32.019665, -103.8666562  
Eddy County, New Mexico  
Devon Energy

**LEGEND**

- Delineation Sample Points
- Pipelines
- Off-Pad Spill Area
- Spill Area

Laboratory Analysis Results				
Sample ID	Depth	BTEX	TPH	CI
BG01	1	ND	ND	39.3
SS01	10	ND	ND	ND
SS02	2	ND	ND	538
SS04A	0	ND	ND	226
SS05	0	ND	ND	154
SS06A	0	ND	ND	249
SS07	0	ND	ND	23.4
SS08A	0	ND	ND	227
SS09	0	ND	ND	333
SS10	0	ND	ND	52.5

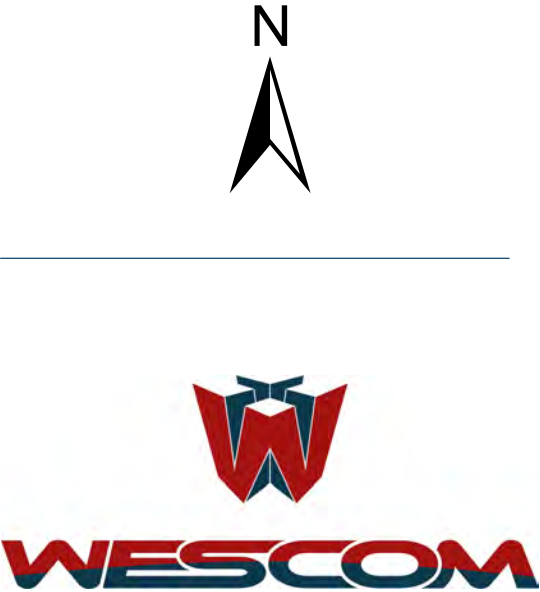




**FIGURE 3.**  
**CONFIRMATION**  
**SAMPLING**

Ross Draw Unit #067H  
Incident ID: nAPP2219542744  
API: 30-015-43424  
GPS Coordinates:  
32.019665, -103.8666562  
Eddy County, New Mexico  
Devon Energy

- LEGEND**
- Confirmation Sample Locations
  - Pipelines
  - Off-Pad Spill Area
  - Spill Area



# TABLES



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**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

Ross Draw Unit #067H   nAPP2219542744						
Devon Energy   02.22.2023						
Table 1. Laboratory Analysis Results: Delineation Samples						
Sample Description			Petroleum Hydrocarbons			Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
BG01	1	3/7/2022	ND	ND	ND	39.3
SS01	9.4	3/18/2022	ND	ND	ND	623
SS01	10	2/6/2023	ND	ND	ND	ND
SS02	2	3/7/2022	ND	ND	ND	538
SS03	1	3/7/2022	ND	ND	ND	81.2
SS04	0	3/7/2022	ND	ND	ND	638
SS04A	0	3/7/2022	ND	ND	ND	226
SS05	0	3/7/2022	ND	ND	ND	154
SS06	0	3/7/2022	ND	ND	ND	957
SS06A	0	2/6/2023	ND	ND	ND	249
SS07	0	3/7/2022	ND	ND	ND	23.4
SS08	0	3/7/2022	ND	ND	ND	729
SS08A	0	2/6/2023	ND	ND	ND	227
SS09	0	3/18/2022	ND	ND	ND	333
SS10	0	3/18/2022	ND	ND	ND	52.5
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene			GRO — Gasoline Range Organics			
DRO — Diesel Range Organics			ND — Non-detect			
ft. — Feet			mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



Ross Draw Unit #067H   nAPP2219542744							
Devon Energy   02.22.2023							
Table 2. Laboratory Analysis Results: Confirmation Samples							
Sample Description			Petroleum Hydrocarbons				Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable		Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	GRO+DRO (mk/kg)	
Closure Criteria			10	50	2500	1000	20000
BG01	1	3/7/2022	ND	ND	ND	ND	39.3
CONF01	4	9/16/2022	ND	ND	ND	ND	1790
CONF02	4	9/16/2022	ND	ND	ND	ND	1620
CONF03	4	9/16/2022	ND	ND	ND	ND	3460
CONF04	4	9/16/2022	ND	ND	ND	ND	2840
CONF05	0	9/15/2022	ND	ND	ND	ND	115
CONF06	0	9/15/2022	ND	ND	ND	ND	2120
CONF07	0	9/15/2022	ND	ND	ND	ND	281
CONF08	0	9/15/2022	ND	ND	ND	ND	172
CONF09	0	9/15/2022	ND	ND	ND	ND	1152
CONF10	0	9/15/2022	ND	ND	ND	ND	6270
CONF11	0	9/15/2022	ND	ND	ND	ND	2600
CONF12	0	9/15/2022	ND	ND	979	156	2500
CONF13	0	9/15/2022	ND	ND	ND	ND	339
CONF14	0	9/15/2022	ND	ND	ND	ND	406
CONF15	0	9/15/2022	ND	ND	ND	ND	113
CONF16	0	9/16/2022	ND	ND	33	33	6600
CONF17	0	9/16/2022	ND	ND	735	187	1730
CONF18	0	9/16/2022	ND	ND	ND	ND	1840
CONF19	0	9/16/2022	ND	ND	ND	ND	1690
CONF20	0	9/16/2022	ND	ND	ND	ND	1820
ABBREVIATIONS							
BTEX — Benzene, Toluene, Ethylene, Xylene				GRO — Gasoline Range Organics			
DRO — Diesel Range Organics				ND — Non-detect			
ft. — Feet				mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons							
Notes							
Bold Red - Results are above closure criteria							
Gray Highlight - Background Samples							



Ross Draw Unit #067H   nAPP2219542744							
Devon Energy   02.22.2023							
Table 2. Laboratory Analysis Results: Confirmation Samples							
Sample Description			Petroleum Hydrocarbons				Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable		Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	GRO+DRO (mk/kg)	
Closure Criteria			10	50	2500	1000	20000
CONF21	0	9/16/2022	ND	ND	ND	ND	8850
CONF22	0	9/16/2022	ND	ND	89	33.3	3530
CONF23	0	9/16/2022	ND	ND	ND	ND	5990
CONF24	0	9/16/2022	ND	ND	ND	ND	7090
CONF25	0	9/16/2022	ND	ND	51.9	51.9	5690
CONF26	0	9/16/2022	ND	ND	ND	ND	2740
CONF27	0	9/16/2022	ND	ND	ND	ND	1860
CONF28	0	9/16/2022	ND	ND	ND	ND	1720
CONF29	0	9/16/2022	ND	ND	ND	ND	1660
CONF30	0	9/16/2022	ND	ND	ND	ND	1940
CONF31	0	9/16/2022	ND	ND	ND	ND	900
CONF32	0	9/16/2022	ND	ND	ND	ND	1560
CONF33	0	9/16/2022	ND	ND	ND	ND	4380
CONF34	0	9/16/2022	ND	ND	ND	ND	3700
CONF35	0	9/16/2022	ND	ND	ND	ND	1920
CONF36	0	9/16/2022	ND	ND	ND	ND	2720
CONF37	0	9/16/2022	ND	ND	ND	ND	574
CONF38	0	9/16/2022	ND	ND	418	146	4340
CONF39	0	9/16/2022	ND	ND	ND	ND	1440
CONF40	0	9/16/2022	ND	ND	ND	ND	8430
ABBREVIATIONS							
BTEX — Benzene, Toluene, Ethylene, Xylene				GRO — Gasoline Range Organics			
DRO — Diesel Range Organics				ND — Non-detect			
ft. — Feet				mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons							
Notes							
Bold Red - Results are above closure criteria							
Gray Highlight - Background Samples							



Ross Draw Unit #067H   nAPP2219542744							
Devon Energy   02.22.2023							
Table 2. Laboratory Analysis Results: Confirmation Samples							
Sample Description			Petroleum Hydrocarbons				Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable		Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	GRO+DRO (mk/kg)	
Closure Criteria			10	50	2500	1000	20000
CONF41	0	9/16/2022	ND	ND	ND	ND	7530
CONF42	0	9/16/2022	ND	ND	ND	ND	10100
CONF43	0	9/16/2022	ND	ND	ND	ND	11100
CONF44	0	9/16/2022	ND	ND	ND	ND	9030
CONF45	0	9/16/2022	ND	ND	ND	ND	3150
CONF46	0	9/16/2022	ND	ND	ND	ND	1500
CONF47	0	9/16/2022	ND	ND	ND	ND	1190
CONF48	0	9/16/2022	ND	ND	ND	ND	8100
CONF49	0	9/16/2022	ND	ND	ND	ND	1830
CONF50	0	9/16/2022	ND	ND	ND	ND	6890
CONF51	0	9/16/2022	ND	ND	ND	ND	1180
CONF52	0	9/16/2022	ND	ND	ND	ND	4420
CONF53	0	9/16/2022	ND	ND	ND	ND	2890
CONF54	0	9/16/2022	ND	ND	ND	ND	2600
CONF55	0	9/16/2022	ND	ND	ND	ND	3060
CONF56	0	9/16/2022	ND	ND	ND	ND	2790
CONF57	0	9/16/2022	ND	ND	ND	ND	14200
CONF58	0	9/16/2022	ND	ND	ND	ND	2930
CONF59	0	9/16/2022	ND	ND	ND	ND	6410
CONF60	0	9/16/2022	ND	ND	ND	ND	7820
ABBREVIATIONS							
BTEX — Benzene, Toluene, Ethylene, Xylene				GRO — Gasoline Range Organics			
DRO — Diesel Range Organics				ND — Non-detect			
ft. — Feet				mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons							
Notes							
Bold Red - Results are above closure criteria							
Gray Highlight - Background Samples							



Ross Draw Unit #067H   nAPP2219542744							
Devon Energy   02.22.2023							
Table 2. Laboratory Analysis Results: Confirmation Samples							
Sample Description			Petroleum Hydrocarbons				Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable		Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	GRO+DRO (mk/kg)	
Closure Criteria			10	50	2500	1000	20000
CONF61	0	9/16/2022	ND	ND	ND	ND	1010
CONF62	0	9/16/2022	ND	ND	39.3	39.3	7930
CONF63	0	9/16/2022	ND	ND	ND	ND	302
CONF64	0	9/16/2022	ND	ND	ND	ND	2360
CONF65	0	9/16/2022	ND	ND	ND	ND	11400
CONF66	0	9/16/2022	ND	ND	ND	ND	7070
CONF67	0	9/16/2022	ND	ND	ND	ND	1820
CONF68	0	9/16/2022	ND	ND	ND	ND	6830
CONF69 Wall	0	2/6/2023	ND	ND	ND	ND	234
CONF70 Wall	0	2/6/2023	ND	ND	ND	ND	ND
CONF71 Wall	2	2/6/2023	ND	ND	ND	ND	336
CONF72 Wall	0	2/6/2023	ND	ND	ND	ND	310
ABBREVIATIONS							
BTEX — Benzene, Toluene, Ethylene, Xylene				GRO — Gasoline Range Organics			
DRO — Diesel Range Organics				ND — Non-detect			
ft. — Feet				mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons							
Notes							
Bold Red - Results are above closure criteria							
Gray Highlight - Background Samples							



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Ross Draw Unit #067H | Incident ID: nAPP2219542744

# ATTACHMENT A

C-141



**Energizing America**

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**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

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

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

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

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party WPX Energy Permian, LLC	OGRID 246289
Contact Name Jim Raley	Contact Telephone 575-689-7597
Contact email Jim.Raley@dvn.com	Incident # (assigned by OCD) nAPP2219542744
Contact mailing address 5315 Buena Vista Drive, Carlsbad, NM 88220	

### Location of Release Source

Latitude 32.019665 Longitude -103.8666562  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name ROSS DRAW UNIT #067H	Site Type Oil Well
Date Release Discovered 7/8/2022	API# (if applicable) 30-015-43424

Unit Letter	Section	Township	Range	County
B	27	26S	30E	Eddy

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 101	Volume Recovered (bbls) 1
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: RDU 61 flowline failure near treater, allowed fluids to impact pad surface.

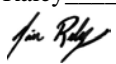
$$bbl\ estimate = \frac{saturated\ soil\ volume\ (ft^3)}{4.21(bbl\ equivalent)} * estimated\ soil\ porosity(\%) + recovered\ fluids\ (bbl)$$

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume exceeded 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Rosa Romero, Mike Bratcher via email on 7/8/2022.	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:          
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.  Printed Name: <u>Jim Raley</u> Title: <u>Environmental Professional</u> Signature: <u></u> Date: <u>7/14/2022</u> email: <u>jim.raley@dvn.com</u> Telephone: <u>575-689-7597</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>106' 7"</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Jim Raley

Title: Environmental Specialist

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

Date: 2/28/2023

email: jim.raley@dm.com

Telephone: 575-689-7597

**OCD Only**

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

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

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	

## Closure

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


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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jim Raley

Title: Environmental Specialist

Signature: 

Date: 02/28/2023

email: jim.raley@dm.com

Telephone: 575-689-7597

### OCD Only

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

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Title: \_\_\_\_\_

# ATTACHMENT B

## Site Photos



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**wescominc.com** | info@wescominc.com | 218-724-1322

**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

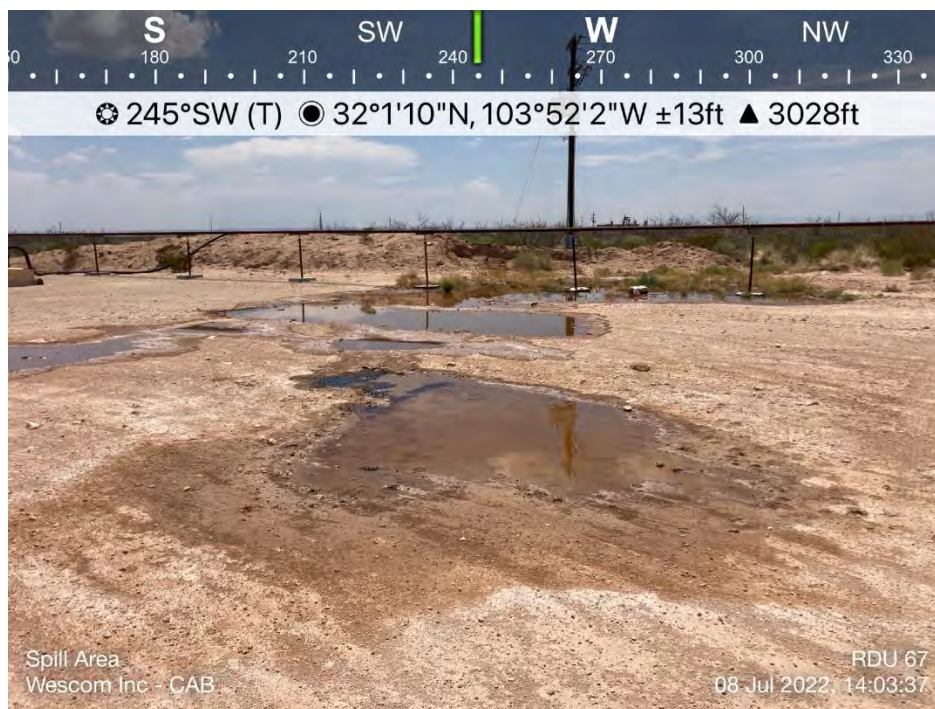


Spill Area - Between Containments



Spill Area



*Spill Area - North of Containment**Spill Area - North of Containment*



Spill Area - (Off-Pad)



Scraped Area - Between Containments





Scraped Area - North of Containment



Scraped Area and Contaminated Soil





Scraped Area - (Off-Pad)



Excavated Area - (Off-Pad)





Confirmation Sampling



Excavated Area - (Off-Pad)

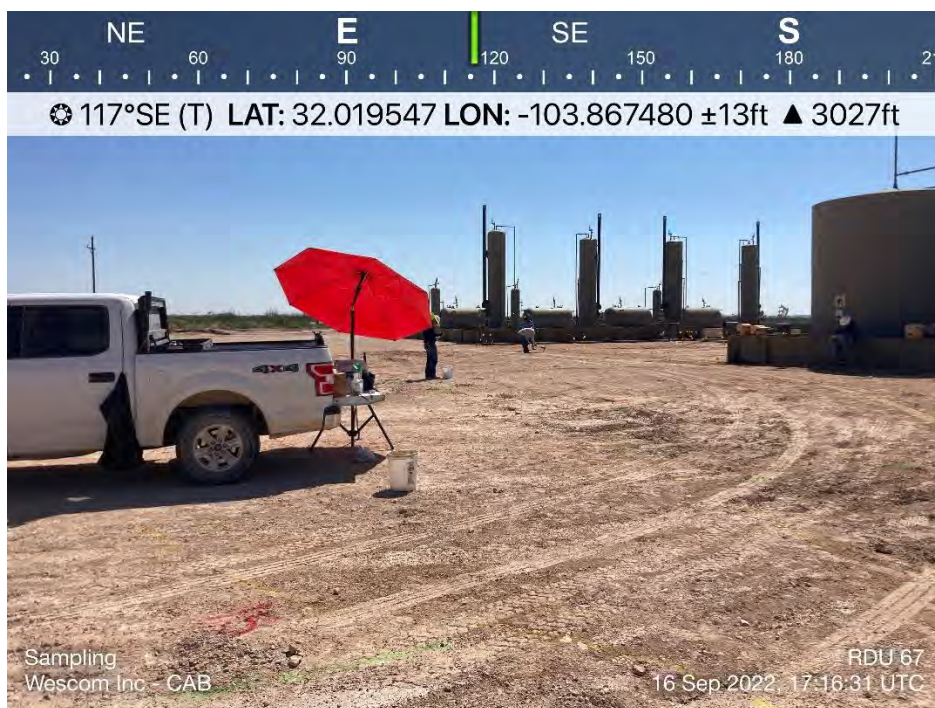


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Ross Draw Unit #067H | Incident ID: nAPP2219542744

Page 6 of 9



Confirmation Sampling

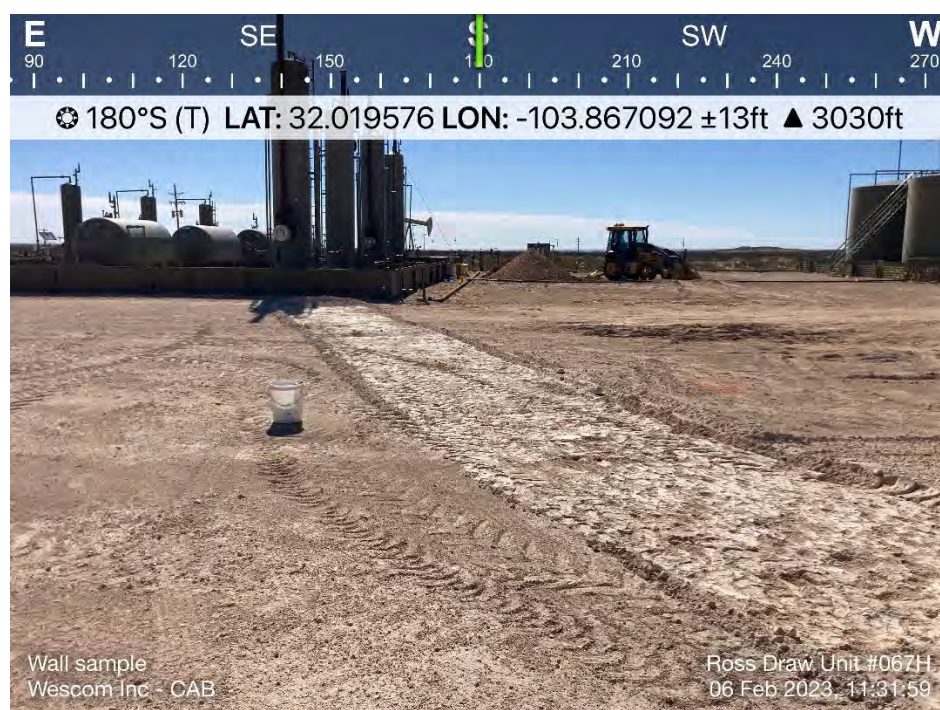


Contaminated Soil Removal





Delineation Sample SS01



Collecting Wall Samples



Energizing America

wescominc.com | info@wescominc.com | 218-724-1322

Ross Draw Unit #067H | Incident ID: nAPP2219542744

Page 8 of 9

# ATTACHMENT C

## Closure Criteria Supporting Documents



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**Ross Draw Unit #067H** | Incident ID: nAPP2219542744



### Site Investigation Report

Date of report: 1/5/2021  
Site Names: RDX 16-25 Ross Draw Unit #38  
RDX 17 #3 Ross Draw Unit #55  
RDX Fed Com 17-44H Ross Draw Unit #57  
RDX Fed Com 21-43 N Brushy Fed 35 #010H  
County: Eddy County, New Mexico  
Project No: 0397

### Site Activities

Earth Systems Response and Restoration (ESRR) field activities were conducted December 8<sup>th</sup> through the 10<sup>th</sup> in Eddy county, New Mexico. ESRR oversaw the advancement of one soil boring at the eight above-mentioned locations to an approximate depth of 105 feet (ft.) below grade surface utilizing an air-rotary drilling rig operated by a State of New Mexico licensed driller. Additionally, HRL Compliance Solutions (HRL) conducted on-site soil logging activities during the advancement of the soil borings. Please see the detailed lithologic descriptions attached.

Upon completion of the soil borings, a PVC casing fitted with 5 ft. of machine-slotted well screen at the bottom was inserted into each soil boring. The PVC casing was left in place for a minimum of 72 hours prior to being gauged by HRL Consulting on December 12<sup>th</sup> with a water level meter to determine the presence or absence of groundwater. Subsequent to gauging activities, each soil boring had the PVC casing removed and was then backfilled with its associated native soil cuttings to grade surface.


### Conclusions

Groundwater was not detected in any of the eight soil borings as determined by utilizing a water level meter after 72 hours of development. It can be reasonably determined groundwater is deeper than 105 ft. bgs in the vicinity of the advanced soil borings.

Respectfully,

Kris Williams, CHMM, REM  
Operations Manager




Attached: Drilling Locations Maps  
Soil Boring Logs


 <b>HRL COMPLIANCE SOLUTIONS</b>							BORING LOG/MONITORING WELL COMPLETION DIAGRAM					
							Boring/Well Number:			Location:		
							MW-1			Ross Draw Unit #55		
							Date:			Client:		
							12/9/2020			WPX Energy		
Drilling Method:			Sampling Method:				Logged By:			Drilled By:		
Air Rotary			None				J. Linn, PG			Talon LPE		
Gravel Pack Type:			Gravel Pack Depth Interval:				Seal Type:		Seal Depth Interval:		Latitude:	
10/20 Sand			3 Bags				None		None		32.016165	
Casing Type:		Diameter:	Depth Interval:		Boring Total Depth (ft. BGS):				Longitude:			
PVC		2-inch	0-101'7"		106'7"				-103.86346			
Screen Type:		Slot:	Diameter:	Depth Interval:		Well Total Depth (ft. BGS):				Depth to Water (ft. BTOC):		DTW Date:
PVC		0.010-inch	2-inch	101'7" - 106'7"		106'7"				>106' 7"		12/16/2020
Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	Odor	Staining	PID (ppm)	USCS	Sample ID	Lithology/Remarks		Well Completion	
0	NM	L	D	N	N	NM	SP	NS	Pale pink to buff colored poorly graded sand with minor silt			
5												
10												
15												
20	NM	L	D	N	N	NM	SW	NS	Pale tan orange well graded fine sand with minor medium and coarse sand			
25												
30												
35	NM	L	D	N	N	NM	SP	NS	Pale orange brown poorly graded fine sand with minor gravel			
40												
45												
50												
55												
60	NM	L	D	N	N	NM	SP	NS	Grey poorly graded fine sand with minor gravel			
65												
70												
75												
80												
85	NM	L	D	N	N	NM	SP	NS	Darker grey poorly graded fine sand with minor silt and minor medium sand			
90												
95												
100	NM	M	D	N	N	NM	SC	NS	Dark grey fine sand with moderate silt and clay - TD 106'7"			
106'7"												

## Ross Draw Unit #067H

Distance to Nearest Depth to Water = 0.30 Miles

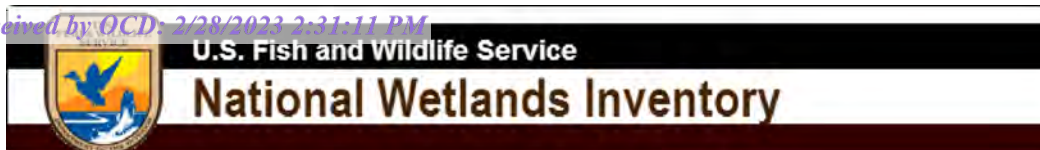
### Legend

-  Distance = 0.30 Miles
-  DTW = >106' 7" - Ross Draw Unit #55
-  Ross Draw Unit #067H

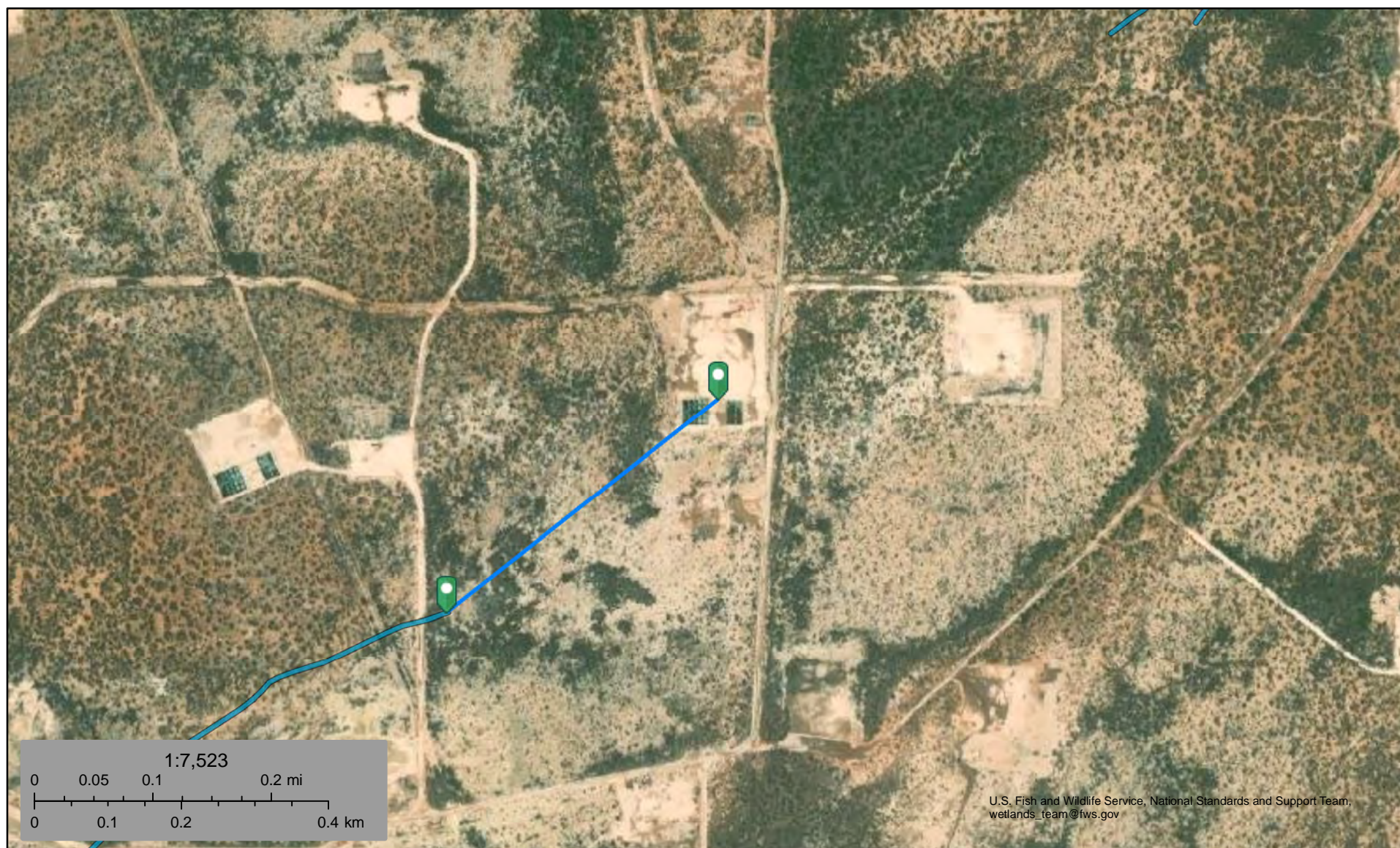
 Ross Draw Unit #067H

DTW = >106' 7" - Ross Draw Unit #55 





# Ross Draw Unit #067H - Riverine 0.25 Miles



July 25, 2022

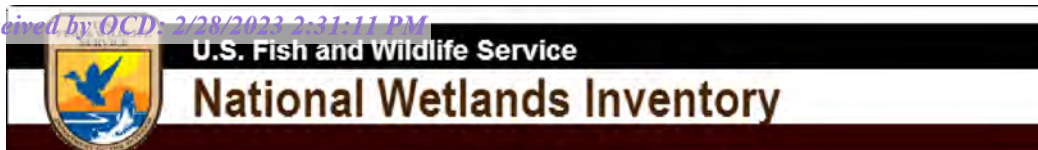
## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



# Ross Draw Unit #067H - Wetland 2.78 Miles



July 25, 2022

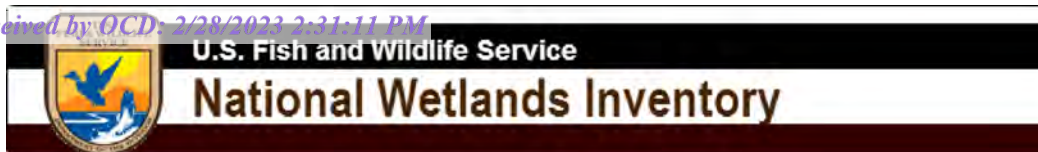
## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



# Ross Draw Unit #067H - Fresh Water Pond 1.26 Miles



July 25, 2022

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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





- Lake
- Other
- Riverine

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

# Ross Draw Unit #067H

Distance to Nearest Residence = 6.66 Miles

## Legend

-  Distance to Nearest Residence = 6.66 Miles
-  Nearest Residence
-  Point of Release
-  Ross Draw Unit #067H

Ross Draw Unit #067H

TEXAS

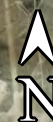
428

652

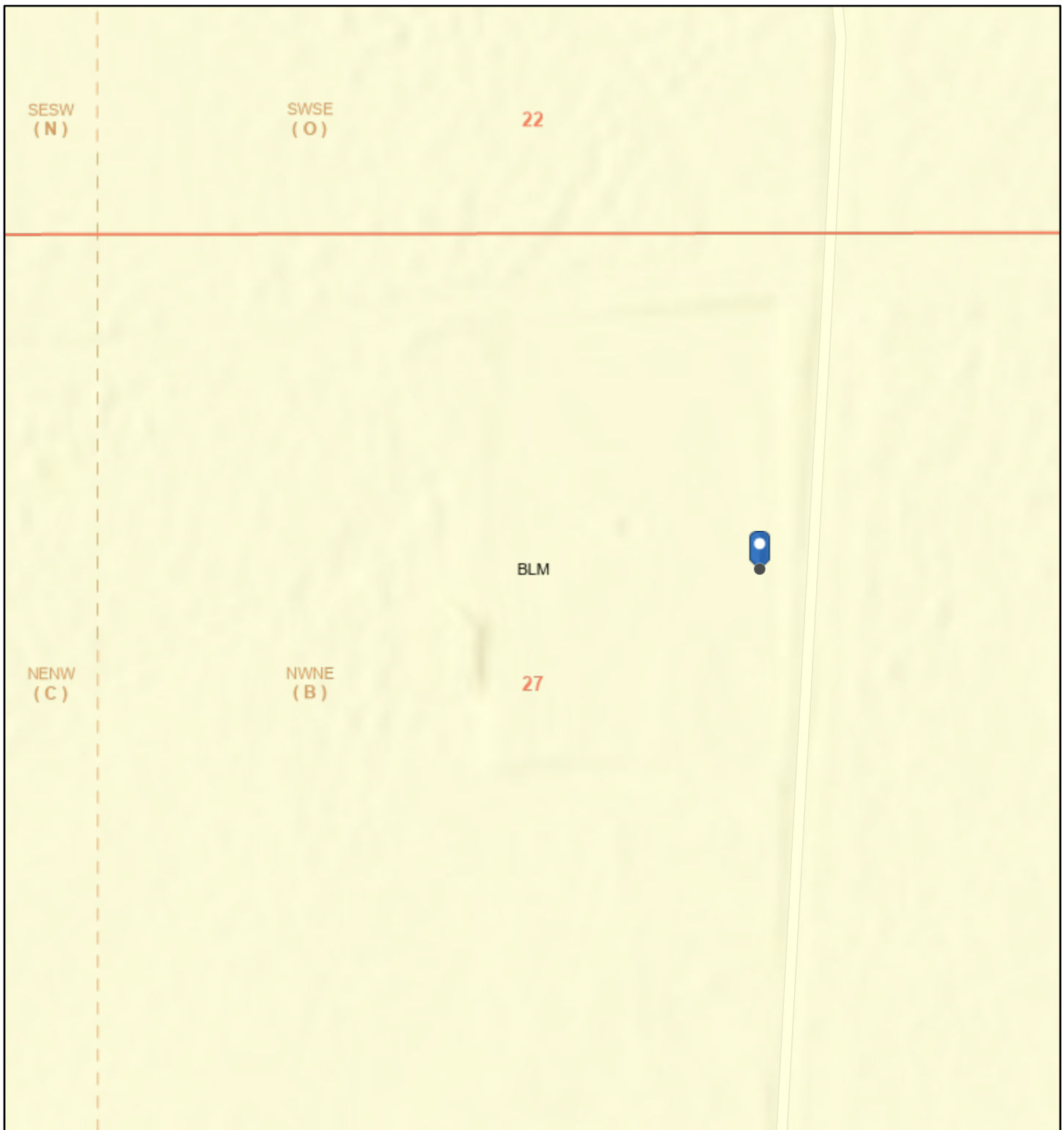
Nearest Residence

Google Earth

3 mi




## Active Mines Near Ross Draw Unit #067H

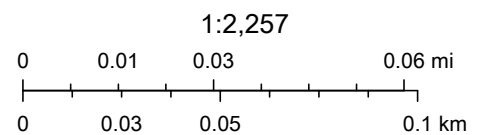


2/27/2023, 2:10:57 PM

## Land Ownership

 BLM

 PLSS Second Division

 PLSS First Division


U.S. BLM, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson,

EMNRD MMD GIS Coordinator

# National Flood Hazard Layer FIRMMette



103°52'20"W 32°1'27"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°51'43"W 32°0'56"N

Released to Imaging: 6/30/2023 3:27:37 PM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/25/2022 at 11:04 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

# ATTACHMENT D

## Karst Map



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**wescominc.com** | info@wescominc.com | 218-724-1322

**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

# Ross Draw Unit #067H

Karst Potential = Medium

## Legend

- 01 Low
- 02 Medium
- 03 High
- Point of Release
- Ross Draw Unit #067H

Ross Draw Unit #067H



# ATTACHMENT E

## Envirotech Inc. Laboratory Analysis Reports



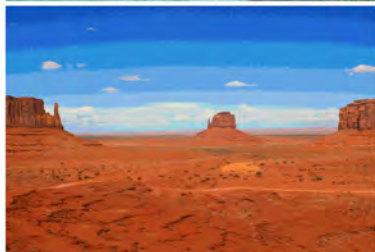
**Energizing America**

**wescominc.com** | info@wescominc.com | 218-724-1322

**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #067H

Work Order: E209104

Job Number: 01058-0007

Received: 9/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/26/22

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #067H  
Workorder: E209104  
Date Received: 9/20/2022 11:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/20/2022 11:00:00AM, under the Project Name: Ross Draw Unit #067H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #067H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CONF01 - 4'	6
CONF02 - 4'	7
CONF03 - 4'	8
CONF04 - 4'	9
CONF05 - 0'	10
CONF06 - 0'	11
CONF07 - 0'	12
CONF08 - 0'	13
CONF09 - 0'	14
CONF10 - 0'	15
CONF11 - 0'	16
CONF12 - 0'	17
CONF13 - 0'	18
CONF14 - 0'	19
CONF15 - 0'	20
CONF16 - 0'	21
CONF17 - 0'	22
CONF18 - 0'	23
CONF19 - 0'	24
CONF20 - 0'	25

## Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	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	29
Definitions and Notes	30
Chain of Custody etc.	31

## Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/26/22 13:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF01 - 4'	E209104-01A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF02 - 4'	E209104-02A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF03 - 4'	E209104-03A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF04 - 4'	E209104-04A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF05 - 0'	E209104-05A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF06 - 0'	E209104-06A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF07 - 0'	E209104-07A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF08 - 0'	E209104-08A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF09 - 0'	E209104-09A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF10 - 0'	E209104-10A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF11 - 0'	E209104-11A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF12 - 0'	E209104-12A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF13 - 0'	E209104-13A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF14 - 0'	E209104-14A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF15 - 0'	E209104-15A	Soil	09/15/22	09/20/22	Glass Jar, 4 oz.
CONF16 - 0'	E209104-16A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF17 - 0'	E209104-17A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF18 - 0'	E209104-18A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF19 - 0'	E209104-19A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF20 - 0'	E209104-20A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF01 - 4'

## E209104-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	90.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1790	20.0	1	09/21/22	09/22/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF02 - 4'

## E209104-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	98.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	87.3 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1620	400	20	09/21/22	09/22/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF03 - 4'

## E209104-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	101 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	3460	400	20	09/21/22	09/22/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF04 - 4'

## E209104-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	108 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	108 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	94.4 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	2840	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF05 - 0'

## E209104-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	107 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	107 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	94.1 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	115	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF06 - 0'

## E209104-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	96.9 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	2120	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF07 - 0'

## E209104-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.2 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	281	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF08 - 0'

## E209104-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.8 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	92.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	172	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF09 - 0'

## E209104-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	94.1 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1150	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF10 - 0'

## E209104-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	93.3 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	6270	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

CONF11 - 0'

E209104-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	98.2 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	2600	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF12 - 0'

## E209104-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	156	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	823	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	90.8 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	2500	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF13 - 0'

## E209104-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	91.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	91.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	96.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	339	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

CONF14 - 0'

E209104-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	103 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	95.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	103 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	112 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	406	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF15 - 0'

## E209104-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.1 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	109 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	113	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF16 - 0'

## E209104-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	33.0	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	108 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	6600	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF17 - 0'

## E209104-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	186	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	549	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.2 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1730	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF18 - 0'

## E209104-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	88.5 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1840	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF19 - 0'

## E209104-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	123 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1690	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:36:11PM

## CONF20 - 0'

## E209104-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	93.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239037
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/23/22	
Surrogate: 1,2-Dichloroethane-d4	93.8 %	70-130		09/20/22	09/23/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	107 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239082
Chloride	1820	40.0	2	09/21/22	09/23/22	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:36:11PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## Blank (2239037-BLK1)

Prepared: 09/20/22 Analyzed: 09/23/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

## LCS (2239037-BS1)

Prepared: 09/20/22 Analyzed: 09/23/22

Benzene	2.19	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.8	70-130			
Toluene	2.24	0.0250	2.50		89.7	70-130			
o-Xylene	2.15	0.0250	2.50		86.1	70-130			
p,m-Xylene	4.29	0.0500	5.00		85.9	70-130			
Total Xylenes	6.44	0.0250	7.50		85.9	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

## LCS Dup (2239037-BSD1)

Prepared: 09/20/22 Analyzed: 09/23/22

Benzene	2.10	0.0250	2.50		83.8	70-130	4.16	23	
Ethylbenzene	2.21	0.0250	2.50		88.5	70-130	3.66	27	
Toluene	2.16	0.0250	2.50		86.3	70-130	3.93	24	
o-Xylene	2.08	0.0250	2.50		83.1	70-130	3.52	27	
p,m-Xylene	4.12	0.0500	5.00		82.3	70-130	4.23	27	
Total Xylenes	6.19	0.0250	7.50		82.6	70-130	4.00	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:36:11PM

## Nonhalogenated Organics by EPA 8015D - GRO

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
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## Blank (2239037-BLK1)

Prepared: 09/20/22 Analyzed: 09/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

## LCS (2239037-BS2)

Prepared: 09/20/22 Analyzed: 09/23/22

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

## LCS Dup (2239037-BSD2)

Prepared: 09/20/22 Analyzed: 09/23/22

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130	3.64	20	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:36:11PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239078-BLK1)

Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.4		50.0		88.8	50-200			

## LCS (2239078-BS1)

Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			

## Matrix Spike (2239078-MS1)

Source: E209104-12

Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	432	25.0	250	156	111	38-132			
Surrogate: n-Nonane	46.2		50.0		92.5	50-200			

## Matrix Spike Dup (2239078-MSD1)

Source: E209104-12

Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	357	25.0	250	156	80.5	38-132	19.1	20	
Surrogate: n-Nonane	46.7		50.0		93.4	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:36:11PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2239082-BLK1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	ND	20.0							
LCS (2239082-BS1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	250	20.0	250		100	90-110			
LCS Dup (2239082-BSD1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	250	20.0	250		99.9	90-110	0.296	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:	Ross Draw Unit #067H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/26/22 13:36

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

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



## Project Information

## Chain of Custody

Client: Devon	<b>Bill To</b> Attention: Jim Raley Address: 5315 Buena Vista Dr City, State, Zip: Calsbad, NM 88220 Phone: 575-689-7597 Email: jim.raley@dvn.com	Lab Use Only		TAT				EPA Program				
Project: Ross Draw Unit #067H		Lab WO# E209104	Job Number 01058-0007	1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Ashley Giovengo		Analysis and Method							RCRA			
Address: 1224 Standpipe Rd												
City, State, Zip: Carlsbad, NM 88220												
Phone: 505-382-1211								State				
Email: ashley.giovengo@wescominc.com								NM	CO	UT	AZ	TX
Report due by:								Remarks				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
13:54	9/16/22	Soil	1 Jar	CONF01 - 4'	1							X		
13:57	9/16/22	Soil	1 Jar	CONF02 - 4'	2							X		
14:00	9/16/22	Soil	1 Jar	CONF03 - 4'	3							X		
14:02	9/16/22	Soil	1 Jar	CONF04 - 4'	4							X		
13:22	9/15/22	Soil	1 Jar	CONF05 - 0'	5							X		
13:29	9/15/22	Soil	1 Jar	CONF06 - 0'	6							X		
13:31	9/15/22	Soil	1 Jar	CONF07 - 0'	7							X		
13:33	9/15/22	Soil	1 Jar	CONF08 - 0'	8							X		
13:35	9/15/22	Soil	1 Jar	CONF09 - 0'	9							X		
13:36	9/15/22	Soil	1 Jar	CONF10 - 0'	10							X		

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date 09.19.2022	Time 12:00	Received by: (Signature)	Date 9-19-22	Time 12:00	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature)	Date 9-19-22	Time 4:15	Received by: (Signature)	Date 9/20/22	Time 11:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 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.

## Project Information

## Chain of Custody

Client: Devon	<b>Bill To</b> Attention: Jim Raley Address: 5315 Buena Vista Dr City, State, Zip: Calsbad, NM 88220 Phone: 575-689-7597 Email: jim.raley@dvn.com	<b>Lab Use Only</b>						<b>TAT</b>				<b>EPA Program</b>				
Project: Ross Draw Unit #067H		Lab WO# E209104	Job Number 01058-0007					1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Ashley Giovengo																
Address: 1224 Standpipe Rd		Analysis and Method												RCRA		
City, State, Zip: Carlsbad, NM 88220													State			
Phone: 505-382-1211												NM	CO	UT	AZ	TX
Email: ashley.giovengo@wescominc.com												Remarks				
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX				
13:39	9/15/22	Soil	1 Jar	CONF11 - 0'	11							X					
13:40	9/15/22	Soil	1 Jar	CONF12 - 0'	12							X					
13:42	9/15/22	Soil	1 Jar	CONF13 - 0'	13							X					
13:45	9/15/22	Soil	1 Jar	CONF14 - 0'	14							X					
13:46	9/15/22	Soil	1 Jar	CONF15 - 0'	15							X					
10:34	9/16/22	Soil	1 Jar	CONF16 - 0'	16							X					
10:35	9/16/22	Soil	1 Jar	CONF17 - 0'	17							X					
10:38	9/16/22	Soil	1 Jar	CONF18 - 0'	18							X					
10:44	9/16/22	Soil	1 Jar	CONF19 - 0'	19							X					
10:45	9/16/22	Soil	1 Jar	CONF20 - 0'	20							X					

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 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.

## Envirotech Analytical Laboratory

Printed: 9/20/2022 1:09:23PM

## 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:	09/19/22 11:00	Work Order ID:	E209104
Phone:	(505) 382-1211	Date Logged In:	09/19/22 15:35	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	09/23/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client InstructionComments/Resolution

Project has been separated into 3 reports due to amount of samples. Workorders are as follows:  
E209104 COC pg 1&2 of 7, E209105 COC pg 3&4 of 7, E209106 COC pg 5,6&7 of 7.

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

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #067H

Work Order: E209105

Job Number: 01058-0007

Received: 9/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/26/22

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #067H  
Workorder: E209105  
Date Received: 9/20/2022 11:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/20/2022 11:00:00AM, under the Project Name: Ross Draw Unit #067H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #067H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CONF21 - 0'	6
CONF22 - 0'	7
CONF23 - 0'	8
CONF24 - 0'	9
CONF25 - 0'	10
CONF26 - 0'	11
CONF27 - 0'	12
CONF28 - 0'	13
CONF29 - 0'	14
CONF30 - 0'	15
CONF31 - 0'	16
CONF32 - 0'	17
CONF33 - 0'	18
CONF34 - 0'	19
CONF35 - 0'	20
CONF36 - 0'	21
CONF37 - 0'	22
CONF38 - 0'	23
CONF39 - 0'	24
CONF40 - 0'	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	29
Definitions and Notes	30
Chain of Custody etc.	31

## Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/26/22 13:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF21 - 0'	E209105-01A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF22 - 0'	E209105-02A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF23 - 0'	E209105-03A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF24 - 0'	E209105-04A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF25 - 0'	E209105-05A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF26 - 0'	E209105-06A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF27 - 0'	E209105-07A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF28 - 0'	E209105-08A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF29 - 0'	E209105-09A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF30 - 0'	E209105-10A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF31 - 0'	E209105-11A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF32 - 0'	E209105-12A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF33 - 0'	E209105-13A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF34 - 0'	E209105-14A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF35 - 0'	E209105-15A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF36 - 0'	E209105-16A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF37 - 0'	E209105-17A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF38 - 0'	E209105-18A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF39 - 0'	E209105-19A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF40 - 0'	E209105-20A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

## CONF21 - 0'

## E209105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.1 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
Surrogate: n-Nonane	88.7 %	50-200		09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	8850	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF22 - 0'

E209105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.0 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	33.3	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	54.7	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>	84.1 %	50-200		09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	3530	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF23 - 0'

E209105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.9 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	5990	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF24 - 0'

E209105-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.7 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	84.7 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>	85.2 %	50-200		09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	7090	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF25 - 0'

E209105-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.4 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	51.9	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>		83.9 %	50-200	09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	5690	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF26 - 0'

E209105-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>		82.3 %	50-200	09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	2740	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF27 - 0'

E209105-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>		87.8 %	50-200	09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	1860	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF28 - 0'

E209105-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/22/22	
<i>Surrogate: n-Nonane</i>						
		83.9 %	50-200	09/22/22	09/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	1720	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF29 - 0'

E209105-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.5 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.6 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>	76.4 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	1660	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF30 - 0'

E209105-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.3 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
	84.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	1940	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF31 - 0'

E209105-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		86.2 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	900	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF32 - 0'

E209105-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		80.2 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	1560	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF33 - 0'

E209105-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>		82.7 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	4380	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF34 - 0'

E209105-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.8 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		86.2 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	3700	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF35 - 0'

E209105-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.7 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		89.1 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	1920	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF36 - 0'

E209105-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.0 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		83.3 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	2720	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

## CONF37 - 0'

## E209105-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.8 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>	82.3 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	574	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF38 - 0'

E209105-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.7 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.5 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	146	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	272	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>	81.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	4340	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

## CONF39 - 0'

## E209105-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.9 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2239038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.6 %	70-130		09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2239079	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>	85.5 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2239083	
Chloride	1440	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:33:00PM

CONF40 - 0'

E209105-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Benzene	ND	0.0250	1	09/20/22	09/23/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/23/22	
Toluene	ND	0.0250	1	09/20/22	09/23/22	
o-Xylene	ND	0.0250	1	09/20/22	09/23/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/23/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.9 %	70-130	09/20/22	09/23/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239079
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
<i>Surrogate: n-Nonane</i>						
		86.8 %	50-200	09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239083
Chloride	8430	400	20	09/21/22	09/23/22	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:33:00PM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239038-BLK1)

Prepared: 09/20/22 Analyzed: 09/22/22

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	7.95		8.00		99.4	70-130			

## LCS (2239038-BS1)

Prepared: 09/20/22 Analyzed: 09/23/22

Benzene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	4.27	0.0250	5.00		85.3	70-130			
Toluene	4.53	0.0250	5.00		90.6	70-130			
o-Xylene	4.32	0.0250	5.00		86.4	70-130			
p,m-Xylene	8.66	0.0500	10.0		86.6	70-130			
Total Xylenes	13.0	0.0250	15.0		86.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

## LCS Dup (2239038-BSD1)

Prepared: 09/20/22 Analyzed: 09/23/22

Benzene	5.16	0.0250	5.00		103	70-130	0.842	20	
Ethylbenzene	4.22	0.0250	5.00		84.3	70-130	1.18	20	
Toluene	4.49	0.0250	5.00		89.7	70-130	1.04	20	
o-Xylene	4.28	0.0250	5.00		85.7	70-130	0.794	20	
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130	1.16	20	
Total Xylenes	12.8	0.0250	15.0		85.6	70-130	1.04	20	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	<b>Reported:</b>
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:33:00PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239038-BLK1)

Prepared: 09/20/22 Analyzed: 09/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.7	70-130			

## LCS (2239038-BS2)

Prepared: 09/20/22 Analyzed: 09/23/22

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.0	70-130			

## LCS Dup (2239038-BSD2)

Prepared: 09/20/22 Analyzed: 09/23/22

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130	1.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.3	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:33:00PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239079-BLK1)

Prepared: 09/22/22 Analyzed: 09/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.9		50.0		83.7	50-200			

## LCS (2239079-BS1)

Prepared: 09/22/22 Analyzed: 09/22/22

Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	41.1		50.0		82.2	50-200			

## Matrix Spike (2239079-MS1)

Source: E209105-06

Prepared: 09/22/22 Analyzed: 09/22/22

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	38.8		50.0		77.5	50-200			

## Matrix Spike Dup (2239079-MSD1)

Source: E209105-06

Prepared: 09/22/22 Analyzed: 09/22/22

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	2.72	20	
Surrogate: n-Nonane	41.3		50.0		82.6	50-200			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	<b>Reported:</b>
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:33:00PM

## Anions by EPA 300.0/9056A

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
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## Blank (2239083-BLK1)

Prepared: 09/21/22 Analyzed: 09/23/22

Chloride ND 20.0

## LCS (2239083-BS1)

Prepared: 09/21/22 Analyzed: 09/23/22

Chloride 251 20.0 250 100 90-110

## LCS Dup (2239083-BSD1)

Prepared: 09/21/22 Analyzed: 09/23/22

Chloride 255 20.0 250 102 90-110 1.60 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:	Ross Draw Unit #067H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/26/22 13:33

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

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



## Project Information

## Chain of Custody

Page 3 of 7

Client: Devon		<b>Bill To</b> Attention: Jim Raley Address: 5315 Buena Vista Dr City, State, Zip: Calsbad, NM 88220 Phone: 575-689-7597 Email: jim.raley@dv.com		Lab Use Only				TAT				EPA Program	
Project: Ross Draw Unit #067H				Lab WO#	Job Number			1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo				E209105	01058-0007						x		
Address: 1224 Standpipe Rd				Analysis and Method									
City, State, Zip: Carlsbad, NM 88220													
Phone: 505-382-1211													
Email: ashley.giovengo@wescominc.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
10:46	9/16/22	Soil	1 Jar	CONF21 - 0'	1							X		NM	
10:47	9/16/22	Soil	1 Jar	CONF22 - 0'	2							X		CO	
10:48	9/16/22	Soil	1 Jar	CONF23 - 0'	3							X		UT	
10:55	9/16/22	Soil	1 Jar	CONF24 - 0'	4							X		AZ	
11:03	9/16/22	Soil	1 Jar	CONF25 - 0'	5							X		TX	
11:05	9/16/22	Soil	1 Jar	CONF26 - 0'	6							X			
11:06	9/16/22	Soil	1 Jar	CONF27 - 0'	7							X			
11:13	9/16/22	Soil	1 Jar	CONF28 - 0'	8							X			
11:14	9/16/22	Soil	1 Jar	CONF29 - 0'	9							X			
11:16	9/16/22	Soil	1 Jar	CONF30 - 0'	10							X			

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dv.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>[Signature]</i>	9-19-22	4:15	<i>[Signature]</i>	9/20/22	11:00	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<i>[Signature]</i>			<i>[Signature]</i>			T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
<i>[Signature]</i>			<i>[Signature]</i>			AVG Temp °C 4

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

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

Note: Samples are discarded 30 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.

## Project Information

## Chain of Custody

Page 4 of 7

Client: <u>Devon</u>		<b>Bill To</b>		Lab Use Only				TAT				EPA Program	
Project: <u>Ross Draw Unit #067H</u>		Attention: <u>Jim Raley</u>		Lab WO# <u>E209105</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Ashley Giovengo</u>		Address: <u>5315 Buena Vista Dr</u>		City, State, Zip: <u>Calsbad, NM 88220</u>		Phone: <u>575-689-7597</u>		Analysis and Method		x		RCRA	
Address: <u>1224 Standpipe Rd</u>		Email: <u>jim.raley@dvn.com</u>		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip: <u>Carlsbad, NM 88220</u>												Chloride 300.0	
Phone: <u>505-382-1211</u>												BGDOC NM	
Email: <u>ashley.giovengo@wescominc.com</u>												BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												x	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:22	9/16/22	Soil	1 Jar	CONF31 - 0'	11							X		
11:23	9/16/22	Soil	1 Jar	CONF32 - 0'	12							X		
11:25	9/16/22	Soil	1 Jar	CONF33 - 0'	13							X		
11:47	9/16/22	Soil	1 Jar	CONF34 - 0'	14							X		
11:49	9/16/22	Soil	1 Jar	CONF35 - 0'	15							X		
11:51	9/16/22	Soil	1 Jar	CONF36 - 0'	16							X		
11:52	9/16/22	Soil	1 Jar	CONF37 - 0'	17							X		
11:54	9/16/22	Soil	1 Jar	CONF38 - 0'	18							X		
11:55	9/16/22	Soil	1 Jar	CONF39 - 0'	19							X		
12:06	9/16/22	Soil	1 Jar	CONF40 - 0'	20							X		

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>[Signature]</i>	9-19-22	12:00	<i>[Signature]</i>	9-19-22	12:00	Received on ice: <u>Y/N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<i>[Signature]</i>	9-19-22	4:15	<i>[Signature]</i>	9/20/22	11:00	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
						AVG Temp °C <u>4</u>

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

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

Note: Samples are discarded 30 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.

## Envirotech Analytical Laboratory

Printed: 9/20/2022 2:58:29PM

## 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:	09/20/22 11:00	Work Order ID:	E209105
Phone:	(505) 382-1211	Date Logged In:	09/19/22 15:37	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	09/26/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

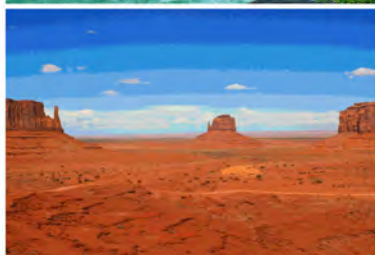
Date



envirotech Inc.

Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #067H

Work Order: E209106

Job Number: 01058-0007

Received: 9/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/26/22

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #067H  
Workorder: E209106  
Date Received: 9/20/2022 11:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/20/2022 11:00:00AM, under the Project Name: Ross Draw Unit #067H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #067H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

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Technical Representative/Client Services  
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**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CONF41 - 0'	6
CONF42 - 0'	7
CONF43 - 0'	8
CONF44 - 0'	9
CONF45 - 0'	10
CONF46 - 0'	11
CONF47 - 0'	12
CONF48 - 0'	13
CONF49 - 0'	14
CONF50 - 0'	15
CONF51 - 0'	16
CONF52 - 0'	17
CONF53 - 0'	18
CONF54 - 0'	19
CONF55 - 0'	20
CONF56 - 0'	21
CONF57 - 0'	22
CONF58 - 0'	23
CONF59 - 0'	24
CONF60 - 0'	25

## Table of Contents (continued)

CONF61 - 0'	26
CONF62 - 0'	27
CONF63 - 0'	28
CONF64 - 0'	29
CONF65 - 0'	30
CONF66 - 0'	31
CONF67 - 0'	32
CONF68 - 0'	33
QC Summary Data	34
QC - Volatile Organic Compounds by EPA 8260B	34
QC - Nonhalogenated Organics by EPA 8015D - GRO	36
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	38
QC - Anions by EPA 300.0/9056A	40
Definitions and Notes	42
Chain of Custody etc.	43

## Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Ross Draw Unit #067H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 09/26/22 13:40
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF41 - 0'	E209106-01A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF42 - 0'	E209106-02A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF43 - 0'	E209106-03A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF44 - 0'	E209106-04A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF45 - 0'	E209106-05A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF46 - 0'	E209106-06A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF47 - 0'	E209106-07A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF48 - 0'	E209106-08A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF49 - 0'	E209106-09A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF50 - 0'	E209106-10A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF51 - 0'	E209106-11A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF52 - 0'	E209106-12A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF53 - 0'	E209106-13A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF54 - 0'	E209106-14A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF55 - 0'	E209106-15A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF56 - 0'	E209106-16A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF57 - 0'	E209106-17A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF58 - 0'	E209106-18A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF59 - 0'	E209106-19A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF60 - 0'	E209106-20A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF61 - 0'	E209106-21A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF62 - 0'	E209106-22A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF63 - 0'	E209106-23A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF64 - 0'	E209106-24A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF65 - 0'	E209106-25A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF66 - 0'	E209106-26A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF67 - 0'	E209106-27A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.
CONF68 - 0'	E209106-28A	Soil	09/16/22	09/20/22	Glass Jar, 4 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF41 - 0'

## E209106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.7 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	7530	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF42 - 0'

E209106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.8 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	10100	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF43 - 0'

E209106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	94.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	11100	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF44 - 0'

E209106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	103 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	103 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	88.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	9030	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF45 - 0'

E209106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	87.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	3150	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF46 - 0'

E209106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	1500	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF47 - 0'

E209106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	91.8 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	1190	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF48 - 0'

E209106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	93.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	8100	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF49 - 0'

E209106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	107 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	107 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	95.5 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	1830	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF50 - 0'

## E209106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	92.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	6890	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF51 - 0'

## E209106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/21/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/21/22	
Toluene	ND	0.0250	1	09/20/22	09/21/22	
o-Xylene	ND	0.0250	1	09/20/22	09/21/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/21/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/21/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/20/22	09/21/22	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		09/20/22	09/21/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/21/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	94.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	1180	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF52 - 0'

E209106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	94.5 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	96.4 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	4420	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF53 - 0'

E209106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	83.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	2890	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF54 - 0'

## E209106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.1 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	78.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	2600	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF55 - 0'

E209106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	92.9 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	73.0 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	3060	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF56 - 0'

E209106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	96.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	82.2 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	2790	40.0	2	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF57 - 0'

E209106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	104 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	77.8 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	14200	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF58 - 0'

E209106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	105 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	76.9 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	2930	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF59 - 0'

E209106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	78.7 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	6410	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF60 - 0'

## E209106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239039
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	106 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239080
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/22	09/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/22	09/23/22	
Surrogate: n-Nonane	79.8 %	50-200		09/22/22	09/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239084
Chloride	7820	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF61 - 0'

## E209106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	97.4 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	97.4 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane	69.4 %	50-200		09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	1010	40.0	2	09/21/22	09/22/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF62 - 0'

## E209106-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.4 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.4 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	39.3	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane		73.2 %	50-200	09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	7930	400	20	09/21/22	09/22/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF63 - 0'

## E209106-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	87.9 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	96.9 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	87.9 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	96.9 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane	71.9 %	50-200		09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	302	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF64 - 0'

## E209106-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.0 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.0 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane		69.9 %	50-200	09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	2360	200	10	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF65 - 0'

E209106-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.8 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		97.8 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane		71.7 %	50-200	09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	11400	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF66 - 0'

## E209106-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	96.4 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane	81.9 %	50-200		09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	7070	400	20	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

## CONF67 - 0'

## E209106-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130	09/20/22	09/22/22	
Surrogate: Toluene-d8		98.0 %	70-130	09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane		73.2 %	50-200	09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	1820	20.0	1	09/21/22	09/23/22	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
9/26/2022 1:40:31PM

CONF68 - 0'

E209106-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Benzene	ND	0.0250	1	09/20/22	09/22/22	
Ethylbenzene	ND	0.0250	1	09/20/22	09/22/22	
Toluene	ND	0.0250	1	09/20/22	09/22/22	
o-Xylene	ND	0.0250	1	09/20/22	09/22/22	
p,m-Xylene	ND	0.0500	1	09/20/22	09/22/22	
Total Xylenes	ND	0.0250	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	99.1 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2239040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/22	09/22/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/20/22	09/22/22	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		09/20/22	09/22/22	
Surrogate: Toluene-d8	99.1 %	70-130		09/20/22	09/22/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/22	09/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/22	09/21/22	
Surrogate: n-Nonane	74.1 %	50-200		09/20/22	09/21/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239062
Chloride	6830	400	20	09/21/22	09/23/22	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239039-BLK1)

Prepared: 09/20/22 Analyzed: 09/21/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

## LCS (2239039-BS1)

Prepared: 09/20/22 Analyzed: 09/21/22

Benzene	2.25	0.0250	2.50		90.2	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.6	70-130			
Toluene	2.31	0.0250	2.50		92.3	70-130			
o-Xylene	2.20	0.0250	2.50		87.9	70-130			
p,m-Xylene	4.38	0.0500	5.00		87.5	70-130			
Total Xylenes	6.57	0.0250	7.50		87.6	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

## LCS Dup (2239039-BSD1)

Prepared: 09/20/22 Analyzed: 09/21/22

Benzene	2.19	0.0250	2.50		87.7	70-130	2.74	23	
Ethylbenzene	2.24	0.0250	2.50		89.6	70-130	4.41	27	
Toluene	2.21	0.0250	2.50		88.6	70-130	4.16	24	
o-Xylene	2.11	0.0250	2.50		84.6	70-130	3.83	27	
p,m-Xylene	4.16	0.0500	5.00		83.2	70-130	5.01	27	
Total Xylenes	6.28	0.0250	7.50		83.7	70-130	4.62	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239040-BLK1)

Prepared: 09/20/22 Analyzed: 09/22/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			

## LCS (2239040-BS1)

Prepared: 09/20/22 Analyzed: 09/22/22

Benzene	2.10	0.0250	2.50		84.0	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.6	70-130			
Toluene	2.07	0.0250	2.50		83.0	70-130			
o-Xylene	2.25	0.0250	2.50		90.0	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.3	70-130			
Total Xylenes	6.62	0.0250	7.50		88.2	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

## LCS Dup (2239040-BSD1)

Prepared: 09/20/22 Analyzed: 09/22/22

Benzene	2.16	0.0250	2.50		86.4	70-130	2.86	23	
Ethylbenzene	2.28	0.0250	2.50		91.3	70-130	3.02	27	
Toluene	2.14	0.0250	2.50		85.6	70-130	3.11	24	
o-Xylene	2.32	0.0250	2.50		92.7	70-130	2.93	27	
p,m-Xylene	4.47	0.0500	5.00		89.4	70-130	2.38	27	
Total Xylenes	6.79	0.0250	7.50		90.5	70-130	2.57	27	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239039-BLK1)

Prepared: 09/20/22 Analyzed: 09/21/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

## LCS (2239039-BS2)

Prepared: 09/20/22 Analyzed: 09/21/22

Gasoline Range Organics (C6-C10)	57.2	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

## LCS Dup (2239039-BSD2)

Prepared: 09/20/22 Analyzed: 09/21/22

Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130	2.96	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239040-BLK1)

Prepared: 09/20/22 Analyzed: 09/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			

## LCS (2239040-BS2)

Prepared: 09/20/22 Analyzed: 09/22/22

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.4	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.3	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

## LCS Dup (2239040-BSD2)

Prepared: 09/20/22 Analyzed: 09/22/22

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		81.9	70-130	4.10	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.2	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2239026-BLK1)

Prepared: 09/20/22 Analyzed: 09/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.8		50.0		77.5	50-200			

## LCS (2239026-BS1)

Prepared: 09/20/22 Analyzed: 09/20/22

Diesel Range Organics (C10-C28)	233	25.0	250		93.0	38-132			
Surrogate: n-Nonane	35.0		50.0		70.0	50-200			

## Matrix Spike (2239026-MS1)

Source: E209098-26

Prepared: 09/20/22 Analyzed: 09/20/22

Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.2	38-132			
Surrogate: n-Nonane	33.9		50.0		67.7	50-200			

## Matrix Spike Dup (2239026-MSD1)

Source: E209098-26

Prepared: 09/20/22 Analyzed: 09/20/22

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	38-132	1.05	20	
Surrogate: n-Nonane	35.1		50.0		70.3	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2239080-BLK1) Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			

LCS (2239080-BS1) Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	40.8		50.0		81.5	50-200			

Matrix Spike (2239080-MS1) Source: E209106-03 Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	37.5		50.0		75.0	50-200			

Matrix Spike Dup (2239080-MSD1) Source: E209106-03 Prepared: 09/22/22 Analyzed: 09/23/22

Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	6.53	20	
Surrogate: n-Nonane	40.5		50.0		81.1	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2239062-BLK1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	ND	20.0							
LCS (2239062-BS1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2239062-MS1)					Source: E209099-01		Prepared: 09/21/22 Analyzed: 09/22/22		
Chloride	400	20.0	250	136	106	80-120			
Matrix Spike Dup (2239062-MSD1)					Source: E209099-01		Prepared: 09/21/22 Analyzed: 09/22/22		
Chloride	382	20.0	250	136	98.5	80-120	4.64	20	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/26/2022 1:40:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2239084-BLK1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	ND	20.0							
LCS (2239084-BS1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2239084-BSD1)					Prepared: 09/21/22 Analyzed: 09/22/22				
Chloride	256	20.0	250		103	90-110	0.431	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:	Ross Draw Unit #067H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/26/22 13:40

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

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



Released to Imaging: 6/30/2023 3:27:37 PM

Received by OCD: 2/28/2023 2:31:11 PM

Project Information

Chain of Custody

<b>Client:</b> Devon		<b>Bill To</b>		<b>Lab Use Only</b>		<b>TAT</b>				<b>EPA Program</b>				
<b>Project:</b> Ross Draw Unit #067H		<b>Attention:</b> Jim Raley		<b>Lab WO#</b> E209106		<b>Job Number</b> 01058-0007		<b>1D</b>	<b>2D</b>	<b>3D</b>	<b>Standard</b>	<b>CWA</b>	<b>SDWA</b>	
<b>Project Manager:</b> Ashley Giovengo		<b>Address:</b> 5315 Buena Vista Dr									x			
<b>Address:</b> 1224 Standpipe Rd		<b>City, State, Zip:</b> Calsbad, NM 88220												<b>RCRA</b>
<b>City, State, Zip:</b> Carlsbad, NM 88220		<b>Phone:</b> 575-689-7597												
<b>Phone:</b> 505-382-1211		<b>Email:</b> jim.raley@dvn.com												
<b>Email:</b> ashley.giovengo@wescominc.com														
<b>Report due by:</b>														

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:07	9/16/22	Soil	1 Jar	CONF41 - 0'	1							X		
12:08	9/16/22	Soil	1 Jar	CONF42 - 0'	2							X		
12:46	9/16/22	Soil	1 Jar	CONF43 - 0'	3							X		
12:48	9/16/22	Soil	1 Jar	CONF44 - 0'	4							X		
12:50	9/16/22	Soil	1 Jar	CONF45 - 0'	5							X		
12:54	9/16/22	Soil	1 Jar	CONF46 - 0'	6							X		
12:56	9/16/22	Soil	1 Jar	CONF47 - 0'	7							X		
12:58	9/16/22	Soil	1 Jar	CONF48 - 0'	8							X		
13:02	9/16/22	Soil	1 Jar	CONF49 - 0'	9							X		
13:04	9/16/22	Soil	1 Jar	CONF50 - 0'	10							X		

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) <i>Sharon June 2022</i>		Date <i>9-19-22</i>		Time <i>12:00</i>		Received by: (Signature) <i>Jim Raley</i>		Date <i>9-20-22</i>		Time <i>11:00</i>		<b>Lab Use Only</b>	
Relinquished by: (Signature) <i>Jim Raley</i>		Date <i>9-19-22</i>		Time <i>4:55</i>		Received by: (Signature) <i>Carla Chant</i>		Date <i>9/20/22</i>		Time <i>11:00</i>		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____	
												AVG Temp °C <i>4</i>	

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other \_\_\_\_\_ Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

Note: Samples are discarded 30 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.

Released to Imaging: 07/30/2023 3:27:37 PM

Received by OCD: 2/28/2023 2:31:11 PM

Project Information

Chain of Custody

Client: Devon	<b>Bill To</b> Attention: Jim Raley Address: 5315 Buena Vista Dr City, State, Zip: Calsbad, NM 88220 Phone: 575-689-7597 Email: jim.raley@dvn.com	<b>Lab Use Only</b>						<b>TAT</b>				<b>EPA Program</b>				
Project: Ross Draw Unit #067H		Lab WO# E209106	Job Number 01058-0007					1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Ashley Giovengo		Analysis and Method											RCRA			
Address: 1224 Standpipe Rd		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State						
City, State, Zip: Carlsbad, NM 88220													NM	CO	UT	AZ
Phone: 505-382-1211												Remarks				
Email: ashley.giovengo@wescominc.com																
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Standard	Remarks
13:05	9/16/22	Soil	1 Jar	CONF51 - 0'	11							X			
13:09	9/16/22	Soil	1 Jar	CONF52 - 0'	12							X			
13:11	9/16/22	Soil	1 Jar	CONF53 - 0'	13							X			
13:12	9/16/22	Soil	1 Jar	CONF54 - 0'	14							X			
13:16	9/16/22	Soil	1 Jar	CONF55 - 0'	15							X			
13:19	9/16/22	Soil	1 Jar	CONF56 - 0'	16							X			
13:20	9/16/22	Soil	1 Jar	CONF57 - 0'	17							X			
13:25	9/16/22	Soil	1 Jar	CONF58 - 0'	18							X			
13:26	9/16/22	Soil	1 Jar	CONF59 - 0'	19							X			
13:27	9/16/22	Soil	1 Jar	CONF60 - 0'	20							X			

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
		9/16/22	12:00			9/16/22	12:00
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
		9/16/22	4:15			9/16/22	11:00
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time

Lab Use Only  
Received on ice: ☒ Y ☐ N  
T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 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.

## Project Information

## Chain of Custody

Page 7 of 7

Client: Devon		<b>Bill To</b>		Lab Use Only				TAT				EPA Program																											
Project: Ross Draw Unit #067H		Attention: Jim Raley		Lab WO# E209100		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA																										
Project Manager: Ashley Giovengo		Address: 5315 Buena Vista Dr		Analysis and Method				x				RCRA																											
Address: 1224 Standpipe Rd		City, State, Zip: Calsbad, NM 88220																																					
City, State, Zip: Carlsbad, NM 88220		Phone: 575-689-7597		DRO/ORO by 8015				GRO/DRO by 8015				BTEX by 8021				VOC by 8260				Metals 6010				Chloride 300.0				BGDOC NM				BGDOC TX				State			
Phone: 505-382-1211		Email: jim.raley@dv.com																																					
Email: ashley.giovengo@wescominc.com																																							
Report due by:																																							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
13:32	9/16/22	Soil	1 Jar	CONF61 - 0'	21							X		
13:34	9/16/22	Soil	1 Jar	CONF62 - 0'	22							X		
13:35	9/16/22	Soil	1 Jar	CONF63 - 0'	23							X		
13:39	9/16/22	Soil	1 Jar	CONF64 - 0'	24							X		
13:40	9/16/22	Soil	1 Jar	CONF65 - 0'	25							X		
13:41	9/16/22	Soil	1 Jar	CONF66 - 0'	26							X		
13:45	9/16/22	Soil	1 Jar	CONF67 - 0'	27							X		
13:47	9/16/22	Soil	1 Jar	CONF68 - 0'	28							X		

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dv.com, ashley.giovengo@wescominc.com, israel.estrella@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 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.

## Envirotech Analytical Laboratory

Printed: 9/20/2022 2:59:51PM

## 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:	09/20/22 11:00	Work Order ID:	E209106
Phone:	(505) 382-1211	Date Logged In:	09/19/22 15:44	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	09/26/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

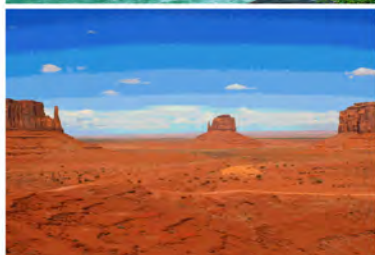
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #067H

Work Order: E302042

Job Number: 01058-0007

Received: 2/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/14/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/14/23

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #067H  
Workorder: E302042  
Date Received: 2/8/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2023 7:30:00AM, under the Project Name: Ross Draw Unit #067H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #067H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
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**Rayny Hagan**  
Technical Representative  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01 - 10'	5
SS04A - 0'	6
SS06A - 0'	7
SS08A - 0'	8
CONF69 Wall - 0'	9
CONF70 Wall - 0'	10
CONF71 Wall - 2'	11
CONF72 Wall - 0'	12
QC Summary Data	13
QC - Volatile Organics by EPA 8021B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

## Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Ross Draw Unit #067H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/14/23 12:01
---	--	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 10'	E302042-01A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SS04A - 0'	E302042-02A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SS06A - 0'	E302042-03A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SS08A - 0'	E302042-04A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
CONF69 Wall - 0'	E302042-05A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
CONF70 Wall - 0'	E302042-06A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
CONF71 Wall - 2'	E302042-07A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
CONF72 Wall - 0'	E302042-08A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SS01 - 11'	E302042-09A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

SS01 - 10'

E302042-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306066	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306061	
Chloride	ND	200	10	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

SS04A - 0'

E302042-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306061
Chloride	226	40.0	2	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

SS06A - 0'

E302042-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.7 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2306066	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>	97.8 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2306061	
Chloride	249	100	5	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

SS08A - 0'

E302042-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	97.9 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306061
Chloride	227	200	10	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

## CONF69 Wall - 0'

## E302042-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2306066	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>	97.6 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2306061	
Chloride	234	40.0	2	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

## CONF70 Wall - 0'

## E302042-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306066	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306061	
Chloride	ND	100	5	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

## CONF71 Wall - 2'

## E302042-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	98.0 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306061
Chloride	336	20.0	1	02/09/23	02/09/23	



## Sample Data

Devon Energy - Carlsbad  
6488 7 Rivers Hwy  
Artesia NM, 88210

Project Name: Ross Draw Unit #067H  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
2/14/2023 12:01:51PM

## CONF72 Wall - 0'

## E302042-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		02/09/23	02/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
<i>Surrogate: n-Nonane</i>						
	97.6 %	50-200		02/09/23	02/09/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306061
Chloride	310	40.0	2	02/09/23	02/09/23	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2023 12:01:51PM

## Volatile Organics by EPA 8021B

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
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## Blank (2306063-BLK1)

Prepared: 02/09/23 Analyzed: 02/11/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

## LCS (2306063-BS1)

Prepared: 02/09/23 Analyzed: 02/11/23

Benzene	4.88	0.0250	5.00		97.6	70-130			
Ethylbenzene	4.90	0.0250	5.00		97.9	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	15.0	0.0250	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			

## Matrix Spike (2306063-MS1)

Source: E302042-02

Prepared: 02/09/23 Analyzed: 02/11/23

Benzene	4.82	0.0250	5.00	ND	96.5	54-133			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133			
Toluene	4.99	0.0250	5.00	ND	99.8	61-130			
o-Xylene	4.99	0.0250	5.00	ND	99.9	63-131			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

## Matrix Spike Dup (2306063-MSD1)

Source: E302042-02

Prepared: 02/09/23 Analyzed: 02/11/23

Benzene	4.62	0.0250	5.00	ND	92.3	54-133	4.41	20	
Ethylbenzene	4.66	0.0250	5.00	ND	93.2	61-133	4.12	20	
Toluene	4.78	0.0250	5.00	ND	95.6	61-130	4.23	20	
o-Xylene	4.79	0.0250	5.00	ND	95.8	63-131	4.13	20	
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131	4.04	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.8	63-131	4.07	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2023 12:01:51PM

## Nonhalogenated Organics by EPA 8015D - GRO

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
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## Blank (2306063-BLK1)

Prepared: 02/09/23 Analyzed: 02/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

## LCS (2306063-BS2)

Prepared: 02/09/23 Analyzed: 02/11/23

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

## Matrix Spike (2306063-MS2)

Source: E302042-02

Prepared: 02/09/23 Analyzed: 02/11/23

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

## Matrix Spike Dup (2306063-MSD2)

Source: E302042-02

Prepared: 02/09/23 Analyzed: 02/11/23

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.1	70-130	5.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2023 12:01:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306066-BLK1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	50-200			

LCS (2306066-BS1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Diesel Range Organics (C10-C28)	248	25.0	250		99.2	38-132			
Surrogate: n-Nonane	50.0		50.0		100	50-200			

Matrix Spike (2306066-MS1)					Source: E302042-07		Prepared: 02/09/23 Analyzed: 02/09/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			

Matrix Spike Dup (2306066-MSD1)					Source: E302042-07		Prepared: 02/09/23 Analyzed: 02/09/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132	0.268	20	
Surrogate: n-Nonane	52.8		50.0		106	50-200			



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #067H	<b>Reported:</b>
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2023 12:01:51PM

## Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2306061-BLK1)

Prepared: 02/09/23 Analyzed: 02/09/23

Chloride ND 20.0

## LCS (2306061-BS1)

Prepared: 02/09/23 Analyzed: 02/09/23

Chloride 252 20.0 250 101 90-110

## Matrix Spike (2306061-MS1)

Source: E302050-01

Prepared: 02/09/23 Analyzed: 02/09/23

Chloride 252 20.0 250 ND 101 80-120

## Matrix Spike Dup (2306061-MSD1)

Source: E302050-01

Prepared: 02/09/23 Analyzed: 02/09/23

Chloride 254 20.0 250 ND 101 80-120 0.600 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:	Ross Draw Unit #067H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/14/23 12:01

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

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



## Project Information

## Chain of Custody

Page 1 of 1

Client: Devon		Bill To		Lab Use Only		TAT		EPA Program					
Project: Ross Draw Unit #067H		Attention: Jim Raley		Lab WO# E.302042		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovento		Address: 5315 Buena Vista Dr									x		
Address: 1224 Standpipe Rd		City, State, Zip: Calsbad, NM 88220											RCRA
City, State, Zip: Carlsbad, NM 88220		Phone: 575-689-7597											
Phone: 505-382-1211		Email: jim.raley@dvn.com											
Email: ashley.giovento@wescominc.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
11:06	2/6/23	Soil	1 Jar	SS01 - 10'	1							X		
10:35	2/6/23	Soil	1 Jar	SS04A - 0'	2							X		
10:37	2/6/23	Soil	1 Jar	SS06A - 0'	3							X		
10:57	2/6/23	Soil	1 Jar	SS08A - 0'	4							X		
11:37	2/6/23	Soil	1 Jar	CONF69 Wall - 0'	5							X		
11:41	2/6/23	Soil	1 Jar	CONF70 Wall - 0'	6							X		
11:57	2/6/23	Soil	1 Jar	CONF71 Wall - 2'	7							X		
12:08	2/6/23	Soil	1 Jar	CONF72 Wall - 0'	8							X		
11:14	2/6/23	Soil	1 Jar	SS01 - 11'	9							X		Do not run this sample unless SS01 - 10' is > 600CI or > 100 TPH

**Additional Instructions:** Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovento@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4.0
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 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.

## Envirotech Analytical Laboratory

Printed: 2/8/2023 1:48:46PM

## 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:	02/08/23 07:30	Work Order ID:	E302042
Phone:	(505) 382-1211	Date Logged In:	02/08/23 10:04	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	02/14/23 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

# ATTACHMENT F

## 48-Hour Confirmation Sampling Notification Emails



**Energizing America**

**wescominc.com** | info@wescominc.com | 218-724-1322

**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

**From:** [Cole Burton](#)  
**To:** [OCD Enviro](#)  
**Cc:** [Ashley Giovengo](#); [Israel Estrella](#); [Shar Harvester](#); [Raley, Jim](#); [Joey Croce](#); [Cody York](#)  
**Subject:** 48-Hour Confirmation Sample Notice - Ross Draw Unit #067H – nAPP2219542744  
**Date:** Monday, September 12, 2022 3:07:00 PM

---

Hello,

We intend to collect confirmation samples at Ross Draw Unit #067H – nAPP2219542744 starting on (9/14/22) through (9/16/22)

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

**Cole Burton**, Environmental Field Technician  
O (218) 724-1322 | C (505) 205-0455  
[WescomInc.com](#) | [cole.burton@WescomInc.com](mailto:cole.burton@WescomInc.com)  
*"I am in charge of my own safety."*

**From:** [Ashley Giovengo](#)  
**To:** [OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)  
**Cc:** [Joey Croce](#); [Cody York](#); [Israel Estrella](#); [Cole Burton](#); [Raley, Jim](#); [Shar Harvester](#)  
**Subject:** 48-Hour Confirmation Sampling Notification - RDU #067H - nAPP2219542744  
**Date:** Tuesday, July 19, 2022 9:46:44 AM

---

Hello All,

We intend to take confirmation samples at RDU #067H - nAPP2219542744 starting on (07/21/22).  
Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

**Ashley Giovengo**, Environmental Manager - Permian

**O** (218) 724-1322 | **C** (505) 382-1211

[WescomInc.com](http://WescomInc.com) | [ashley.giovengo@WescomInc.com](mailto:ashley.giovengo@WescomInc.com)

*"I am in charge of my own safety."*

**From:** [Cole Burton](#)  
**To:** "Enviro, OCD, EMNRD"  
**Subject:** RE: [EXTERNAL] 48-Hour Confirmation Sample Notice - Ross Draw Unit #067H (nAPP2219542744)  
**Date:** Wednesday, February 1, 2023 3:14:00 PM

---

My apologize yes 2/6/23 is correct.

**Cole Burton**, Environmental Field Technician  
O (218) 724-1322 | C (505) 205-0455  
[WescomInc.com](#) | [cole.burton@WescomInc.com](mailto:cole.burton@WescomInc.com)  
*"I am in charge of my own safety."*

---

**From:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Sent:** Wednesday, February 1, 2023 8:29 AM  
**To:** Cole Burton <[cole.burton@wescominc.com](mailto:cole.burton@wescominc.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] 48-Hour Confirmation Sample Notice - Ross Draw Unit #067H (nAPP2219542744)

Cole,

Thank you for the notification. I assume that you meant 2/6/2023.  
Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
<http://www.emnrd.nm.gov>



---

**From:** Cole Burton <[cole.burton@wescominc.com](mailto:cole.burton@wescominc.com)>  
**Sent:** Wednesday, February 1, 2023 7:54 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Raley, Jim <[jim.rale@dyn.com](mailto:jim.rale@dyn.com)>; Ashley Giovengo <[ashley.giovengo@wescominc.com](mailto:ashley.giovengo@wescominc.com)>; Shar Harvester <[Shar.Harvester@WescomInc.com](mailto:Shar.Harvester@WescomInc.com)>; Joey Croce <[Joey.Croce@WescomInc.com](mailto:Joey.Croce@WescomInc.com)>; Cody York <[cody.york@wescominc.com](mailto:cody.york@wescominc.com)>  
**Subject:** [EXTERNAL] 48-Hour Confirmation Sample Notice - Ross Draw Unit #067H

(nAPP2219542744)

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

Hello All,

We intend to take confirmation samples at the Ross Draw Unit #067H (nAPP2219542744) starting on Monday (1/6/23).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

**Cole Burton**, Environmental Field Technician  
O (218) 724-1322 | C (505) 205-0455  
[WescomInc.com](http://WescomInc.com) | [cole.burton@WescomInc.com](mailto:cole.burton@WescomInc.com)  
"I am in charge of my own safety."

# ATTACHMENT G

## NMOCD Correspondence



**Energizing America**

**wescominc.com** | info@wescominc.com | 218-724-1322

**Ross Draw Unit #067H** | Incident ID: nAPP2219542744

**Ashley Giovengo**

---

**From:** Raley, Jim <Jim.Raley@dvn.com>  
**Sent:** Thursday, December 22, 2022 10:33 PM  
**To:** Ashley Giovengo  
**Subject:** FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 147510

We can discuss after New Years. RDU 67

Jim Raley | Environmental Professional - Permian Basin

[5315 Buena Vista Dr., Carlsbad, NM 88220](#)

C: (575)689-7597 | [jim.ralej@dvn.com](mailto:jim.ralej@dvn.com)



---

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>  
**Date:** Thursday, December 22, 2022 at 4:06 PM  
**To:** Raley, Jim <Jim.Raley@dvn.com>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 147510

To whom it may concern (c/o James Raley for WPX Energy Permian, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2219542744, for the following reasons:

- **Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Sidewall/Floor samples should represent no more than 200 ft<sup>2</sup>.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 147510.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,  
Jocelyn Harimon  
Environmental Specialist  
575-748-1283  
[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)

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

1220 South St. Francis Drive

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Incident ID	nAPP2219542744
District RP	
Facility ID	
Application ID	


## Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jim RaleyTitle: Environmental SpecialistSignature: Date: 02/28/2023email: jim.raley@dm.comTelephone: 575-689-7597

### OCD Only

Received by: Robert HamletDate: 6/30/2023

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

Closure Approved by:  Date: 6/30/2023Printed Name: Robert HamletTitle: Environmental Specialist - Advanced

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
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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 191674

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 191674
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2219542744 ROSS DRAW UNIT #067H, thank you. This closure is approved.	6/30/2023