

TABLE 1
FORMER VON FELDT 13-12 WELLHEAD
SOIL ANALYTICAL RESULTS SUMMARY TABLE
CONTAMINANTS OF CONCERN

Sample ID	Date Sampled	Depth	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1, 2, 4-TMB (mg/kg)	1, 3, 5-TMB (mg/kg)	Naphthalene (mg/kg)	TPH ⁽⁴⁾ (mg/kg)
Residential SSL ^(1,2)			1.2	490	5.8	58	30	27	2	500
Protection of Groundwater SSL ^(1,2,3)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500
WH01 @ 6'	9/2/2021	6 ft. bgs	<0.0020	<0.0050	<0.00050	<0.010	<0.0050	<0.0050	<0.0038	<50
WH01-N @ 5'	9/2/2021	5 ft. bgs	<0.0020	<0.0050	<0.00050	<0.010	<0.0050	<0.0050	<0.0038	<50

Notes:

1. Compounds referenced from the COGCC 2 CCR 404-1, Table 915-1, effective January 15, 2021.
2. Soil Screening Levels (SSL) referenced from EPA Regional Screening Levels (EPA RSLs) for Chemical Contaminants at Superfund Sites, effective November 2020.
3. SSLs are applicable if a pathway for communication with groundwater is present.
4. Value calculated by adding TVPH-GRO, TEPH-DRO, and TEPH-ORO concentrations.

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

TVPH-GRO = Total volatile petroleum hydrocarbons - gasoline range organics

TEPH-DRO = Total extractable petroleum hydrocarbons - diesel range organics

TEPH-ORO = Total extractable petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram

TMB = Trimethylbenzene

 = Source material characterization sample

ft. = Feet

bgs = Below ground surface

TABLE 2
FORMER VON FELDT 13-12 WELLHEAD
GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
ORGANIC COMPOUNDS

Sample ID	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Water ⁽²⁾ (ft.)	Groundwater Elevation (ft. AMSL)
COGCC Table 915-1 Groundwater Standard (µg/L) ⁽¹⁾		5	560	700	1,400	140	67	67	-	-
GW01 @ 6'	9/2/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6 ft. bgs	NA

Notes:

1. Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
 2. Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.
- TMB = Trimethylbenzene
COGCC = Colorado Oil and Gas Conservation Commission
µg/L = Micrograms per liter
(<) = Analytical result is less than the indicated laboratory reporting limit.
ft. = Feet
AMSL = Above Mean Sea Level
NA = Not applicable

TABLE 3
FORMER VON FELDT 13-12 WELLHEAD
FIELD DATA SUMMARY TABLE

Sample ID	Date Sampled	Depth	GPS Data ⁽¹⁾ Latitude / Longitude		PDOP Value	VOC Concentration ⁽²⁾ (ppm)
WH01 @ 6'	9/2/2021	6 ft. bgs	40.49530631	-104.618470	1.0	2.8
FLR01 @ 3'	9/2/2021	3 ft. bgs	40.49530826	-104.618433	1.0	0.0
WH01-N @ 5'	9/2/2021	5 ft. bgs	40.49532292	-104.618464	1.1	0.1
WH01-W @ 5'	9/2/2021	5 ft. bgs	40.49531415	-104.618516	1.0	0.0
WH01-S @ 5'	9/2/2021	5 ft. bgs	40.49530069	-104.618457	1.1	0.0
WH01-E @ 5'	9/2/2021	5 ft. bgs	40.49530582	-104.618430	1.1	0.0
WHS01-N @ 0-6"	9/2/2021	0-6 in. bgs	40.49535581	-104.618446	1.0	0.1
WHS01-E @ 0-6"	9/2/2021	0-6 in. bgs	40.49529909	-104.618412	1.1	0.0
WHS01-S @ 0-6"	9/2/2021	0-6 in. bgs	40.49528211	-104.618464	1.0	0.1
WHS01-W @ 0-6"	9/2/2021	0-6 in. bgs	40.49531415	-104.618516	1.0	0.1
BKG01	9/2/2021	2.5-6 ft. bgs	40.49549568	-104.618052	1.1	0.0

Notes:

1. Global Positioning System (GPS) data is provided in decimal degrees using World Geodetic System (WGS) 84 UTM Zone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

ft. = Feet

in. = Inches

bgs = Below ground surface

Attachment A

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 03, 2021

Mark Longhurst

PDC Energy

1775 Sherman St. STE. 3000

Denver, CO 80203

RE: Von Foldt 13-12 Wellhead

Work Order #2109029

Enclosed are the results of analyses for samples received by Summit Scientific on 09/02/21 16:44. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', written in a cursive style.

Paul Shrewsbury

President



PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]

Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6'	2109029-01	Soil	09/02/21 09:15	09/02/21 16:44
WH01-N@5'	2109029-02	Soil	09/02/21 11:30	09/02/21 16:44
GW01@6'	2109029-03	Water	09/02/21 13:00	09/02/21 16:44

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sample Receipt Checklist

S2 Work Order 2109029

Client: PDC/TASMAN Client Project ID: VonFoldt 13-12 WH

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): Air Soil/Solid Water Other: _____
 (Describe)

Temp (°C) 3.8 - 16
WG

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	✓			on ice
Were all samples received intact ⁽¹⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are samples with holding times due within 48 hours sample due within 48 hours present?	✓			same day on ice
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			✓	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	✓			HCl
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

WG
 Custodian Printed Name or Initials

Will Adin
 Signature of Custodian

9/2/21
 Date/Time



PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

WH01@6'
2109029-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/02/21 09:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BEI0067	09/02/21	09/02/21	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **09/02/21 09:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		99.8 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		93.4 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %		21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/02/21 09:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BEI0068	"	09/02/21	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **09/02/21 09:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		91.3 %		30-150		"	"	"	"	

Summit Scientific

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PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

WH01-N@5'
2109029-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/02/21 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BEI0067	09/02/21	09/02/21	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/02/21 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		96.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/02/21 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BEI0068	"	09/02/21	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **09/02/21 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		92.8 %	30-150		"	"	"	"	

Summit Scientific

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PDC Energy
 1775 Sherman St. STE. 3000
 Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
 Project Manager: Mark Longhurst

Reported:
 09/03/21 06:14

GW01@6'
2109029-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/02/21 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BEI0069	09/02/21	09/02/21	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/02/21 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		85.6 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.5 %	21-167		"	"	"	"	

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PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BEI0067 - EPA 5030 Soil MS

Blank (BEI0067-BLK1)

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	ND	0.0020	mg/kg								
Toluene	ND	0.0050	"								
Ethylbenzene	ND	0.0050	"								
Xylenes (total)	ND	0.010	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
Naphthalene	ND	0.0038	"								
Gasoline Range Hydrocarbons	ND	0.50	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0378		"	0.0400		94.6	23-173				
<i>Surrogate: Toluene-d8</i>	0.0373		"	0.0400		93.3	20-170				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0410		"	0.0400		102	21-167				

LCS (BEI0067-BS1)

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	0.0917	0.0020	mg/kg	0.100		91.7	70-130				
Toluene	0.0964	0.0050	"	0.100		96.4	70-130				
Ethylbenzene	0.0743	0.0050	"	0.100		74.3	70-130				
m,p-Xylene	0.146	0.010	"	0.200		73.1	70-130				
o-Xylene	0.0791	0.0050	"	0.100		79.1	70-130				
1,2,4-Trimethylbenzene	0.0793	0.0050	"	0.100		79.3	70-130				
1,3,5-Trimethylbenzene	0.0735	0.0050	"	0.100		73.5	70-130				
Naphthalene	0.0951	0.0038	"	0.100		95.1	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0300		"	0.0400		75.0	23-173				
<i>Surrogate: Toluene-d8</i>	0.0351		"	0.0400		87.7	20-170				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0381		"	0.0400		95.2	21-167				

Matrix Spike (BEI0067-MS1)

Source: 2109028-01

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	0.0929	0.0020	mg/kg	0.100	ND	92.9	70-130				
Toluene	0.0722	0.0050	"	0.100	ND	72.2	70-130				
Ethylbenzene	0.0766	0.0050	"	0.100	ND	76.6	70-130				
m,p-Xylene	0.154	0.010	"	0.200	ND	77.2	70-130				
o-Xylene	0.0826	0.0050	"	0.100	ND	82.6	70-130				
1,2,4-Trimethylbenzene	0.0858	0.0050	"	0.100	ND	85.8	70-130				
1,3,5-Trimethylbenzene	0.0792	0.0050	"	0.100	ND	79.2	70-130				
Naphthalene	0.101	0.0038	"	0.100	ND	101	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0317		"	0.0400		79.4	23-173				
<i>Surrogate: Toluene-d8</i>	0.0382		"	0.0400		95.6	20-170				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0394		"	0.0400		98.4	21-167				

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PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BEI0067 - EPA 5030 Soil MS

Matrix Spike Dup (BEI0067-MSD1)

Source: 2109028-01

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	0.0955	0.0020	mg/kg	0.100	ND	95.5	70-130	2.74	30	
Toluene	0.0746	0.0050	"	0.100	ND	74.6	70-130	3.31	30	
Ethylbenzene	0.0758	0.0050	"	0.100	ND	75.8	70-130	1.14	30	
m,p-Xylene	0.151	0.010	"	0.200	ND	75.5	70-130	2.18	30	
o-Xylene	0.0818	0.0050	"	0.100	ND	81.8	70-130	1.02	30	
1,2,4-Trimethylbenzene	0.0830	0.0050	"	0.100	ND	83.0	70-130	3.41	30	
1,3,5-Trimethylbenzene	0.0765	0.0050	"	0.100	ND	76.5	70-130	3.51	30	
Naphthalene	0.110	0.0038	"	0.100	ND	110	70-130	8.35	30	
Surrogate: 1,2-Dichloroethane-d4	0.0341		"	0.0400		85.3	23-173			
Surrogate: Toluene-d8	0.0378		"	0.0400		94.6	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.7	21-167			

Batch BEI0069 - EPA 5030 Water MS

Blank (BEI0069-BLK1)

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.0		"	13.3		82.3	23-173			
Surrogate: Toluene-d8	12.2		"	13.3		91.7	20-170			
Surrogate: 4-Bromofluorobenzene	11.5		"	13.3		86.4	21-167			

LCS (BEI0069-BS1)

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	27.1	1.0	ug/l	33.3		81.2	51-132			
Toluene	33.0	1.0	"	33.3		99.1	51-138			
Ethylbenzene	34.3	1.0	"	33.3		103	58-146			
m,p-Xylene	67.1	2.0	"	66.7		101	57-144			
o-Xylene	34.0	1.0	"	33.3		102	53-146			
Naphthalene	30.4	1.0	"	33.3		91.1	70-130			
1,2,4-Trimethylbenzene	28.1	1.0	"	33.3		84.2	70-130			
1,3,5-Trimethylbenzene	34.0	1.0	"	33.3		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	11.3		"	13.3		84.6	23-173			
Surrogate: Toluene-d8	13.3		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	11.6		"	13.3		87.2	21-167			

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PDC Energy
1775 Sherman St. STE. 3000
Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
Project Manager: Mark Longhurst

Reported:
09/03/21 06:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BEI0069 - EPA 5030 Water MS

Matrix Spike (BEI0069-MS1)

Source: 2109029-03

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	27.2	1.0	ug/l	33.3	ND	81.5	34-141			
Toluene	31.1	1.0	"	33.3	ND	93.3	27-151			
Ethylbenzene	34.6	1.0	"	33.3	ND	104	29-160			
m,p-Xylene	68.2	2.0	"	66.7	ND	102	20-166			
o-Xylene	34.2	1.0	"	33.3	ND	103	33-159			
Naphthalene	38.9	1.0	"	33.3	ND	117	70-130			
1,2,4-Trimethylbenzene	28.4	1.0	"	33.3	ND	85.4	70-130			
1,3,5-Trimethylbenzene	34.2	1.0	"	33.3	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3		91.4	23-173			
Surrogate: Toluene-d8	12.3		"	13.3		92.2	20-170			
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.1	21-167			

Matrix Spike Dup (BEI0069-MSD1)

Source: 2109029-03

Prepared: 09/02/21 Analyzed: 09/03/21

Benzene	26.8	1.0	ug/l	33.3	ND	80.4	34-141	1.26	30	
Toluene	32.6	1.0	"	33.3	ND	97.7	27-151	4.59	30	
Ethylbenzene	33.2	1.0	"	33.3	ND	99.6	29-160	4.07	30	
m,p-Xylene	66.1	2.0	"	66.7	ND	99.1	20-166	3.11	30	
o-Xylene	33.4	1.0	"	33.3	ND	100	33-159	2.31	30	
Naphthalene	39.2	1.0	"	33.3	ND	118	70-130	0.717	30	
1,2,4-Trimethylbenzene	27.6	1.0	"	33.3	ND	82.8	70-130	3.03	30	
1,3,5-Trimethylbenzene	33.2	1.0	"	33.3	ND	99.5	70-130	3.09	30	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		98.8	23-173			
Surrogate: Toluene-d8	13.2		"	13.3		99.0	20-170			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.3	21-167			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



PDC Energy
 1775 Sherman St. STE. 3000
 Denver CO, 80203

Project: Von Foldt 13-12 Wellhead

Project Number: [none]
 Project Manager: Mark Longhurst

Reported:
 09/03/21 06:14

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BEI0068 - EPA 3550A

Blank (BEI0068-BLK1)

Prepared: 09/02/21 Analyzed: 09/03/21

C10-C28 (DRO)	ND	50	mg/kg							
C28-C36 (ORO)	ND	50	"							

LCS (BEI0068-BS1)

Prepared: 09/02/21 Analyzed: 09/03/21

C10-C28 (DRO)	540	50	mg/kg	500	108	70-130				
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Matrix Spike (BEI0068-MS1)

Source: 2109028-01

Prepared: 09/02/21 Analyzed: 09/03/21

C10-C28 (DRO)	636	50	mg/kg	500	14.8	124	70-130			
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Matrix Spike Dup (BEI0068-MSD1)

Source: 2109028-01

Prepared: 09/02/21 Analyzed: 09/03/21

C10-C28 (DRO)	605	50	mg/kg	500	14.8	118	70-130	4.98	20	
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Summit Scientific

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PDC Energy
1775 Sherman St. STE. 3000
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Project: Von Foldt 13-12 Wellhead

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Reported:
09/03/21 06:14

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference