

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	NRM2020237398
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Phoenix Hydrocarbons Operating Corp	OGRID 188483
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD)
Contact mailing address 7415 E. Main Street Farmington NM 87402	

Location of Release Source

Latitude 36.5568695 Longitude -107.6492462
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal E #002	Site Type Gas
Date Release Discovered 4/10/2020	API# (if applicable) 30-045-23465

Unit Letter	Section	Township	Range	County
J	23	27N	08W	San Juan

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 type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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 checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

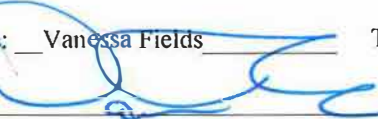
Cause of Release on April 10, 2020 Walsh Engineering on behalf of Phoenix Hydrocarbons conduct BGT Sampling of the Federal E #002. One 5-point composite sample was collected. Notification was made to the NMOCD and the BLM prior to sampling. Once analytical results were received, and the sitting criteria was reviewed it was determined that the closure samples were above regulatory standards. Walsh Engineering will remediate to Table 1 standards of below 50'.

Incident ID	NRM2020237398
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Vanessa Fields</u>	Title: <u>Agent/ Regulatory Compliance Manager</u>
Signature: 	Date: <u>7/15/2020</u>
email: <u>vanessa@walsheng.net</u>	Telephone: <u>505-787-9100</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>7/20/2020</u>



NRM2020237398

Analytical Report

Report Summary

Client: Phoenix Hydrocarbons

Samples Received: 4/10/2020

Job Number: 17078-0002

Work Order: P004036

Project Name/Location: Federal E #2A

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', written over a horizontal line.

Date: 4/17/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Federal E #2A	P004036-01A	Soil	04/10/20	04/10/20	Glass Jar, 4 oz.

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NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Federal E #2A
P004036-01 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150	2016002	04/13/20	04/15/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	962	25.0	mg/kg	1	2016006	04/13/20	04/14/20	EPA 8015D	
Oil Range Organics (C28-C40)	624	50.0	mg/kg	1	2016006	04/13/20	04/14/20	EPA 8015D	
Surrogate: n-Nonane		108 %		50-200	2016006	04/13/20	04/14/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2016002	04/13/20	04/15/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %		50-150	2016002	04/13/20	04/15/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	90.6	20.0	mg/kg	1	2016011	04/14/20	04/14/20	EPA 300.0/9056A	

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NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2016002 - Purge and Trap EPA 5030A

Blank (2016002-BLK1)

Prepared: 04/13/20 0 Analyzed: 04/14/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 8.25 " 8.00 103 50-150

LCS (2016002-BS1)

Prepared: 04/13/20 0 Analyzed: 04/14/20 1

Benzene	4.26	0.0250	mg/kg	5.00		85.2	70-130			
Toluene	4.55	0.0250	"	5.00		91.0	70-130			
Ethylbenzene	4.66	0.0250	"	5.00		93.3	70-130			
p,m-Xylene	9.33	0.0500	"	10.0		93.3	70-130			
o-Xylene	4.71	0.0250	"	5.00		94.3	70-130			
Total Xylenes	14.0	0.0250	"	15.0		93.6	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.67 " 8.00 108 50-150

Matrix Spike (2016002-MS1)

Source: P004029-01

Prepared: 04/13/20 0 Analyzed: 04/14/20 1

Benzene	4.44	0.0250	mg/kg	5.00	ND	88.7	54.3-133			
Toluene	4.77	0.0250	"	5.00	ND	95.4	61.4-130			
Ethylbenzene	4.90	0.0250	"	5.00	ND	98.0	61.4-133			
p,m-Xylene	9.78	0.0500	"	10.0	ND	97.8	63.3-131			
o-Xylene	4.94	0.0250	"	5.00	ND	98.7	63.3-131			
Total Xylenes	14.7	0.0250	"	15.0	ND	98.1	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.58 " 8.00 107 50-150

Matrix Spike Dup (2016002-MSD1)

Source: P004029-01

Prepared: 04/13/20 0 Analyzed: 04/14/20 2

Benzene	4.40	0.0250	mg/kg	5.00	ND	88.0	54.3-133	0.784	20	
Toluene	4.73	0.0250	"	5.00	ND	94.7	61.4-130	0.785	20	
Ethylbenzene	4.87	0.0250	"	5.00	ND	97.4	61.4-133	0.626	20	
p,m-Xylene	9.73	0.0500	"	10.0	ND	97.3	63.3-131	0.557	20	
o-Xylene	4.90	0.0250	"	5.00	ND	98.0	63.3-131	0.748	20	
Total Xylenes	14.6	0.0250	"	15.0	ND	97.5	0-200	0.621	200	

Surrogate: 4-Bromochlorobenzene-PID 8.45 " 8.00 106 50-150

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NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2016006 - DRO Extraction EPA 3570										
Blank (2016006-BL.K1)				Prepared & Analyzed: 04/13/20 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	42.8		"	50.0		85.6	50-200			
LCS (2016006-BS1)				Prepared & Analyzed: 04/13/20 1						
Diesel Range Organics (C10-C28)	429	25.0	mg/kg	500		85.7	38-132			
Surrogate: n-Nonane	47.3		"	50.0		94.5	50-200			
Matrix Spike (2016006-MS1)				Source: P004029-01		Prepared & Analyzed: 04/13/20 1				
Diesel Range Organics (C10-C28)	1090	25.0	mg/kg	500	603	95.3	38-132			
Surrogate: n-Nonane	54.1		"	50.0		108	50-200			
Matrix Spike Dup (2016006-MSD1)				Source: P004029-01		Prepared & Analyzed: 04/13/20 1				
Diesel Range Organics (C10-C28)	1010	25.0	mg/kg	500	603	81.1	38-132	6.77	20	
Surrogate: n-Nonane	58.3		"	50.0		117	50-200			

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NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2016002 - Purge and Trap EPA 5030A										
Blank (2016002-BLK1)				Prepared: 04/13/20 0 Analyzed: 04/14/20 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		"	8.00		91.4	50-150			
LCS (2016002-BS2)				Prepared: 04/13/20 0 Analyzed: 04/14/20 1						
Gasoline Range Organics (C6-C10)	41.2	20.0	mg/kg	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.7	50-150			
Matrix Spike (2016002-MS2)				Source: P004029-01		Prepared: 04/13/20 0 Analyzed: 04/14/20 2				
Gasoline Range Organics (C6-C10)	40.9	20.0	mg/kg	50.0	ND	81.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		"	8.00		92.2	50-150			
Matrix Spike Dup (2016002-MSD2)				Source: P004029-01		Prepared: 04/13/20 0 Analyzed: 04/14/20 2				
Gasoline Range Organics (C6-C10)	40.2	20.0	mg/kg	50.0	ND	80.3	70-130	1.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		"	8.00		91.2	50-150			

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NRM2020237398

Phoenix Hydrocarbons
PO Box 3638
Midland TX, 79702

Project Name: Federal E #2A
Project Number: 17078-0002
Project Manager: Vanessa Fields

Reported:
04/17/20 08:54

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2016011 - Anion Extraction EPA 300.0/9056A										
Blank (2016011-BLK1)				Prepared: 04/14/20 0 Analyzed: 04/14/20 1						
Chloride	ND	20.0	mg/kg							
LCS (2016011-BS1)				Prepared: 04/14/20 0 Analyzed: 04/14/20 1						
Chloride	250	20.0	mg/kg	250		100	90-110			
Matrix Spike (2016011-MS1)				Source: P004033-01 Prepared: 04/14/20 0 Analyzed: 04/14/20 1						
Chloride	257	20.0	mg/kg	250	ND	103	80-120			
Matrix Spike Dup (2016011-MSD1)				Source: P004033-01 Prepared: 04/14/20 0 Analyzed: 04/14/20 1						
Chloride	264	20.0	mg/kg	250	ND	106	80-120	2.76	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.

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NRM2020237398

Phoenix Hydrocarbons	Project Name:	Federal E #2A	
PO Box 3638	Project Number:	17078-0002	Reported:
Midland TX, 79702	Project Manager:	Vanessa Fields	04/17/20 08:54

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Project Information

Chain of Custody

NRM2020237398

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Client: <u>Wabash Engineering</u>		Report Attention: <u>Standard</u>		Lab Use Only		TAT		EPA Program				
Project: <u>FEDERO1 E #2A</u>		Report due: <u>Standard</u>		Lab WO# <u>P004136</u>		Job Number <u>17078-0002</u>		1D	3D	RCRA	CWA	SDWA
Project Manager: <u>Vanessa Fields</u>		Attention: <u>Vanessa Fields</u>										
Address: <u>7415 E. Main St.</u>		Address: <u>7415 E. Main St.</u>										
City, State, Zip: <u>Farmington NM 87401</u>		City, State, Zip: <u>Farmington NM 87401</u>								State		
Phone: <u>505-787-9400</u>		Phone: <u>505-787-9400</u>								NM CO UT AZ		
Email: <u>Vanessa@walsberg.net</u>		Email: <u>Vanessa@walsberg.net</u>								TX OK		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6030	Chloride 300.0									Remarks
12:00pm	4-10-20	S	1	FEDERO1 E #2A	1	X	X	X		X										

Additional Instructions:

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: Russ Wabash, ITT

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) <u>[Signature]</u>	Date <u>4-10-20</u>	Time <u>3:45pm</u>	Received by: (Signature) <u>Rain Lopez</u>	Date <u>4/10/20</u>	Time <u>15:45</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>(Y) / N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ 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.