

Incident ID	NAPP2209132598
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 OCD 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: Jeremy Haass

Title: S&E Specialist

Signature: Jeremy Haass

Date: 5/26/22

email: jeremy_haass@eogresources.com

Telephone: 575-748-4311

OCD Only

Received by: Robert Hamlet

Date: 9/6/2022

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: Robert Hamlet

Date: 9/6/2022

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced

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	nAPP2209132598
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Release Notification

Responsible Party

Responsible Party	EOG Resources, Inc.	OGRID	7377
Contact Name	Jeremy Haass	Contact Telephone	575-748-1471
Contact email	Jeremy_Haass@eogresources.com	Incident #	nAPP2209132598
Contact mailing address	104 S. 4th Street, Artesia, NM 88210		

Location of Release Source

Latitude 32.60453 Longitude -104.62955
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Gulf AGT Federal #1	Site Type	Battery
Date Release Discovered	API# 30-015-24122		

Unit Letter	Section	Township	Range	County
F	6	20S	24E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" 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 Historical impacts were discovered during the battery decommission for the plug and abandonment of the location. EOG contracted a third-party consultant to investigate the impacted area, the consultant determined 03/31/2022 based on the impacted area footprint that the reportable threshold was most likely met.

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

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

Released to Imaging: 9/6/2022 2:37:07PM

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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><50</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 checked="" type="checkbox"/> Yes <input 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 not 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

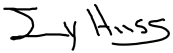
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

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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: Jeremy Haass Title: S&E Specialist
Signature:  Date: 5/26/22
email: jeremy_haass@eogresources.com Telephone: 575-748-4311

OCD Only

Received by: _____ Date: _____

Incident ID	
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Facility ID	
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Remediation Plan

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

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

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

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

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	
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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.

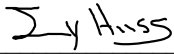
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ 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: Jeremy Haass

Title: S&E Specialist

Signature: 

Date: 5/26/22

email: jeremy_haass@eogresources.com

Telephone: 575-748-4311

OCD Only

Received by: _____

Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 95247

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 95247
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	4/1/2022

Remediation Excavation Closure Report



Gulf AGT Federal #1

NMOCD Incident #nAPP2209132598

API #30-015-20344

Unit F, Section 6, T20S, R24E

Eddy County, New Mexico



May 17, 2022

Project #19034-0011

Mr. Jeremy Haass
104 South 4th Street
Artesia, New Mexico
Phone: (575) 748-4311

E-mail: jeremy_haass@eogresources.com



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Arizona • Colorado • New Mexico • Texas • Utah

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**EOG Resources
Gulf AGT Federal #1
API #30-015-20344
Remediation Excavation Closure Report
Incident # nAPP2209132598
Unit F, Section 6, T20S, R24E
Eddy County, New Mexico**

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Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by EOG Resources (EOG) to complete a site assessment and remediation excavation at the Gulf AGT Federal #1 (API: 30-015-20344) located within Unit F, Section 6, Township 20 South, Range 24 East in Eddy County, New Mexico; see **Figure 1, Vicinity Map**.

Regulatory Standards

Gulf AGT Federal #1 (site) is located 1.59 miles from a water well identified as RA05478. Depth to water in RA05478 is 500 feet below ground surface (bgs). The site is located within 300 feet from an unnamed tributary of North Seven Rivers. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation**.

Based on the shallow depth of the excavations and the site being plugged and abandoned, the closure criteria for the site were based on the reclamation standards (19.15.29.13 NMAC):

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

Site Assessment and Sampling Activities

On March 28 through 31, 2022, Envirotech personnel and EOG's earth work contractor arrived on-site to conduct the site assessment. Prior to field work, a Job Safety Analysis (JSA) was completed. Observations made during the site assessment included soil staining located on the southeast corner of the former tank battery.

Utilizing a backhoe, the area of concern was excavated, and the contaminated soil was loaded into dump trucks to be transported to a New Mexico Oil Conservation Division (NMOCD) permitted disposal facility. The final extents of the southeast excavation measured approximately 34 feet by 27 feet by 4.5 feet bgs.

Field Screening Analysis

To direct excavation activities and prior to collection of a confirmation laboratory sample, field screening for volatile organic compounds (VOCs) was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Prior to performing field screening activities, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. The soil sample was also screened in the field for TPH per United States Environmental Protection Agency (EPA)

Method 418.1 using an Infracal Total Oil and Grease (TOG)/ TPH Analyzer. A three-point calibration was completed prior to conducting soil screening. Field screening protocol followed the manufacture's operating procedures. The sample was also field screened for chlorides using a Hach Chloride Test Kit. Field screening results are summarized below and in **Appendix B, Field Notes with EPA 418.1 Field Screening Reports.**

Sample ID	Date	VOC (ppm)	TPH (ppm)	Chloride (mg/kg)
CS-1	03/28	6.3	716	<281
CS-2	03/28	2.4	1248	<281
CS-3	03/28	11.8	384	<281
CS-4	03/28	0.0	68	<281
CS-5	03/28	335.4	496	<281
CS-6	03/28	97.0	724	<281
CS-7	03/28	15.9	252	<281
CS-8	03/28	129.9	786	<281
CS-9	03/28	8.5	204	<281
CS-10	03/31	0.0	76	<281
CS-11	03/31	0.2	68	<281
CS-12	03/31	0.0	796	<281
CS-13	03/31	0.0	80	<281
CS-14	03/31	29.8	640	<281
CS-15	03/31	0.0	84	<281
CS-16	03/31	23.5	260	<281
CS-17	03/31	0.0	592	<281
CS-18	03/31	0.0	804	<281
CS-19	03/31	15.5	440	<281
CS-20	03/31	0.0	250	<281
CS-21	03/31	0.7	228	<281
CS-22	03/31	0.0	404	<281
CS-23	03/31	0.0	68	<281
CS-24	03/31	0.0	764	<281
CS-25	03/31	0.0	260	<281

Confirmation Sampling Activities

EOG Resources notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on April 07, 2022. A total of nine (9) five-point composite soil samples were collected from the excavation for laboratory analysis. Samples collected were representative of the walls and base of the excavation. All samples collected were representative of 200 square feet (ft²) or less. The soil samples were placed into an individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 2, Site Map** and in **Appendix C, Site Photography**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.13 NMAC. Laboratory results indicate soils are contaminated above applicable regulatory standards for TPH in six (6) of the nine (9) near surface samples (CS-26, CS-27, CS-28, CS-29, CS-32, CS-34). CS-28 also was above regulatory standards for chloride. Analytical results are summarized in **Table 1, Summary of Soil Analytical Results** and **Appendix D, Laboratory Analytical Report**.

Excavation and Confirmation Sampling Activities

On April 27, 2022, Envirotech personnel EOG's earth work contractor returned to the site to continue the remediation excavation. The final extents of the excavation measured approximately 36 feet by 22 feet by 4.5 feet bgs.

EOG Resources notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on April 27, 2022. A total of six (6) five-point composite soil samples were collected from the excavation for laboratory analysis. All sample collected were representative of 200 square feet (ft²) or less. The soil samples were placed into an individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 2, Site Map** and in **Appendix C, Site Photography**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.13 NMAC. All samples collected returned results below laboratory detection limits or regulatory standards for all contaminants of concern. Analytical results are summarized in **Table 1, Summary of Soil Analytical Results** and **Appendix D, Laboratory Analytical Report**.

Summary and Conclusions

Envirotech personnel completed the closure sampling of the remediation excavation at the Gulf AGT Federal #1. EOG contractors backfilled the excavation with non-waste containing material on May 12, 2022. Based on the analytical results, all contaminants of concern are below the

NMOCD reclamation criteria; therefore, Envirotech recommends requesting a **No Further Action** status regarding the remediation excavations.

Statement of Limitations

The work and services provided were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

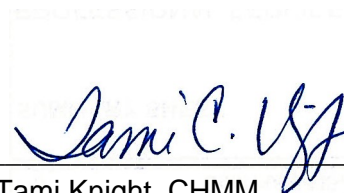
We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.



Chasitty Todacheenie
Environmental Field Technician
ctodacheenie@envirotech-inc.com

Reviewed by:



Tami Knight, CHMM
Environmental Project Manager
tknight@envirotech-inc.com

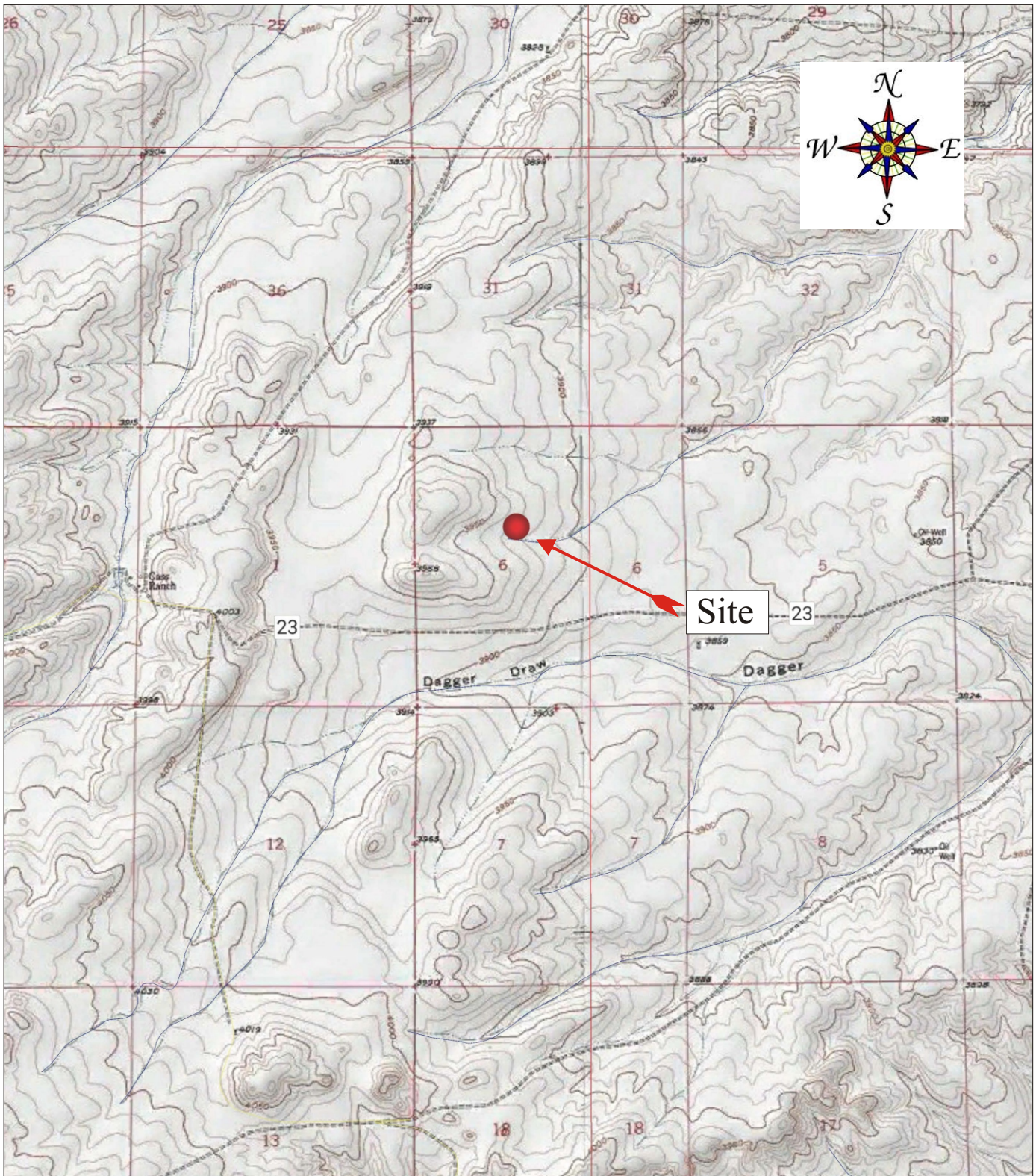
Figures



Figure 1, *Vicinity Map*
Figure 2, *Site Map*

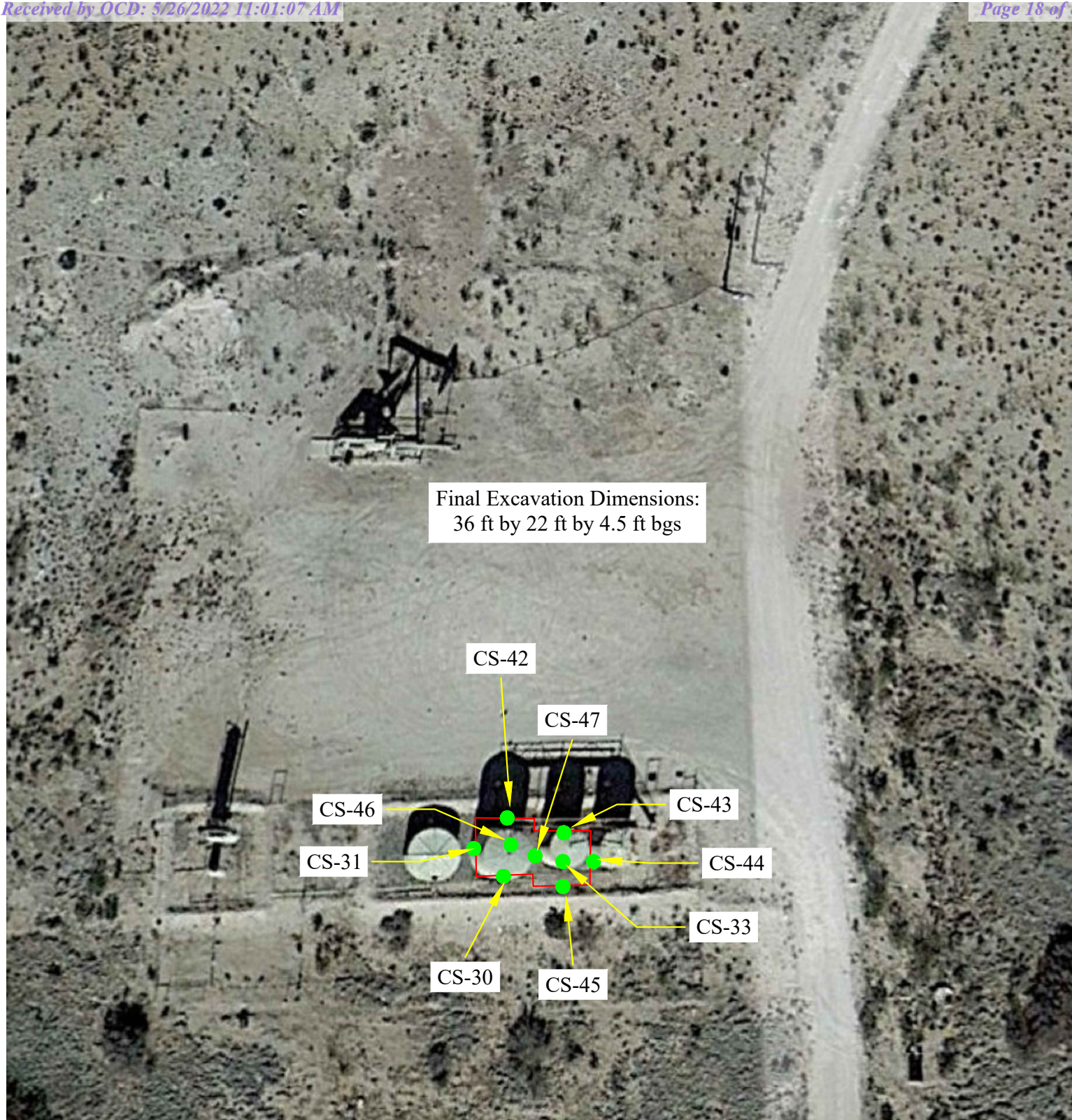


Practical Solutions for a Better Tomorrow



Source: 7.5 Minute, Box Canyon Ranch, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1" = 2,640'

EOG Resources Remediation Closure Report Gulf AGT Federal #1 API: 30-015-24122 Eddy County, New Mexico Section 6, Township 20S, Range 24E 32.60453, -104.62955		 ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615		Vicinity Map Figure #1	
Project Number:19034-0011	Date Drawn: 05/17/2022	DRAWN BY: Brittany Hall		PROJECT MANAGER: Greg Crabtree	



Legend

- Excavations
● -Five point composite samples
 CS-33 -Confirmation sample (5-point composite)



MAP DRAWN BY:
BAH
05/16/2022

REVISIONS BY:
NAME
DATE

APPROVED BY:
NAME
DATE

Scale
1" = 50'

Figure 2, Site Map

EOG Resources
 Remediation and Closure Report
 Gulf AGT Federal #1
 API: 30-015-24122
 Eddy County, New Mexico
 Section 6, Township 20S, Range 24E
 Project #19034-0011



Tables



Table 1, *Summary of Soil Analytical Results*



Practical Solutions for a Better Tomorrow

Table 1, Summary of Soil Analytical Results
EOG Resources, Inc. Remediation Excavation
Gulf AGT Federal #1 ; API: 30-015-20344
Unit F Section 6, Township 20S, Range 24E, Eddy County, New Mexico
Incident #nAPP2209132598
Project #19034-0011

Date	Laboratory Sample ID	Location Description and Sample Depth (below ground surface)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			mg/kg					
			GRO	DRO	ORO	Benzenze	BTEX	Chloride
NMOCD Release Closure Criteria Table 1 - 19.15.29.12 NMAC (mg/kg)			100			10	50	600
4/7/2022	CS-26	NW Wall (1-3 ft)	<20.0	133	226	<0.0250	<0.1	31.4
	CS-27	NE Wall (1-4.5 ft)	<20.0	50.6	119	<0.0250	<0.1	<20.0
	CS-28	East Wall (1-4.5 ft)	<20.0	197	288	<0.0250	<0.1	605
	CS-29	SE Wall (1-4.5 ft)	<20.0	157	101	<0.0250	<0.1	68.8
	CS-30	SW Wall (1 -3 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
	CS-31	West Wall (1 -3 ft)	<20.0	54.6	<50.0	<0.0250	<0.1	24.8
	CS-32	West 1/2 Base (3 ft)	<20.0	414	647	<0.0250	<0.1	<20.0
	CS-33	East 1/2 Base (4.5 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
	CS-34	Base-Step (1.5 ft)	<20.0	95.3	69.1	<0.0250	<0.1	<20.0
4/27/2022	CS-42	West Side of North Wall (0-4.5 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	174
	CS-43	East Side of North Wall (0-4 ft)	<20.0	26.4	<50.0	<0.0250	<0.1	38.7
	CS-44	East Wall (0-4 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	70.0
	CS-45	East Side of South Wall (0-4 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	72.3
	CS-46	West Base (4.5 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
	CS-47	Center Wall (3.5 ft)	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0

Bold - above regulatory standards

█ Samples used for Confirmation Closure



Practical Solutions for a Better Tomorrow

Appendix A



Siting Criteria Documentation



Practical Solutions for a Better Tomorrow

Site Name:	Gulf AGT Federal #1			
API #:	30-015-20344			
Lat/Long:	32.60456, -104.62955			
TRS:	Unit F Section 6 T20S R24E			
Land Jurisdiction:	BLM			
County:	Eddy			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
Distance to Nearest Significant Watercourse				
50.5 feet north of tributary to North Sevens River				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential				
Water Wells	RA 05478 DTW=1.59 miles DTW=500ft			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse	Yes			
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water	No			
<300' of an occupied permanent residence, school, hospital, institution or church	No			
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes	No			
<1000' of any water well or spring	No			
Within incorporated municipal boundaries or within a defined municipal fresh water well	No			
<300' of a wetland	No			
Within the area overlying a subsurface mine	No			
Within an unstable area	No			
Within a 100-year floodplain	No			
DTW Determination	≤50 <input checked="" type="checkbox"/>	50-100 <input type="checkbox"/>	>100 <input checked="" type="checkbox"/>	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow



Measurement



Measurement Result

Clear

Press CTRL to enable snapping

Map navigation controls including zoom in (+), zoom out (-), search (magnifying glass), and other map tools. A search bar displays coordinates 32.60453, -104.62955 and a dropdown menu shows 'Show search results for 32.604...'. Below the search bar are icons for various map layers and data sources.

Buffer Search



Clear ?

Distance 500 Units Feet

MapClick

☐ Show Selected

☐ Show List Option available if < 100 PODS listed

Static PODs

Recently Edited PODs

Pod Number +

Pod Number +

Download

1:4513

300ft

-104.623 32.607 Degrees





Measurement



Measurement Result

Clear

Press CTRL to enable snapping

32.60453, -104.62955

Show search results for 32.604...

Map navigation icons: Zoom In, Zoom Out, Home, Full Screen, Measure, Snapping

Buffer Search

Distance Units

MapClick

☐ Show Selected

☐ Show List Option available if < 100 PODS listed

Static PODs Pod Number

Recently Edited PODs Pod Number

Download

1:18055

0.3mi

-104.617 32.614 Degrees



Rock Daisy Rd

Rock Daisy Rd

RA-08061





Measurement

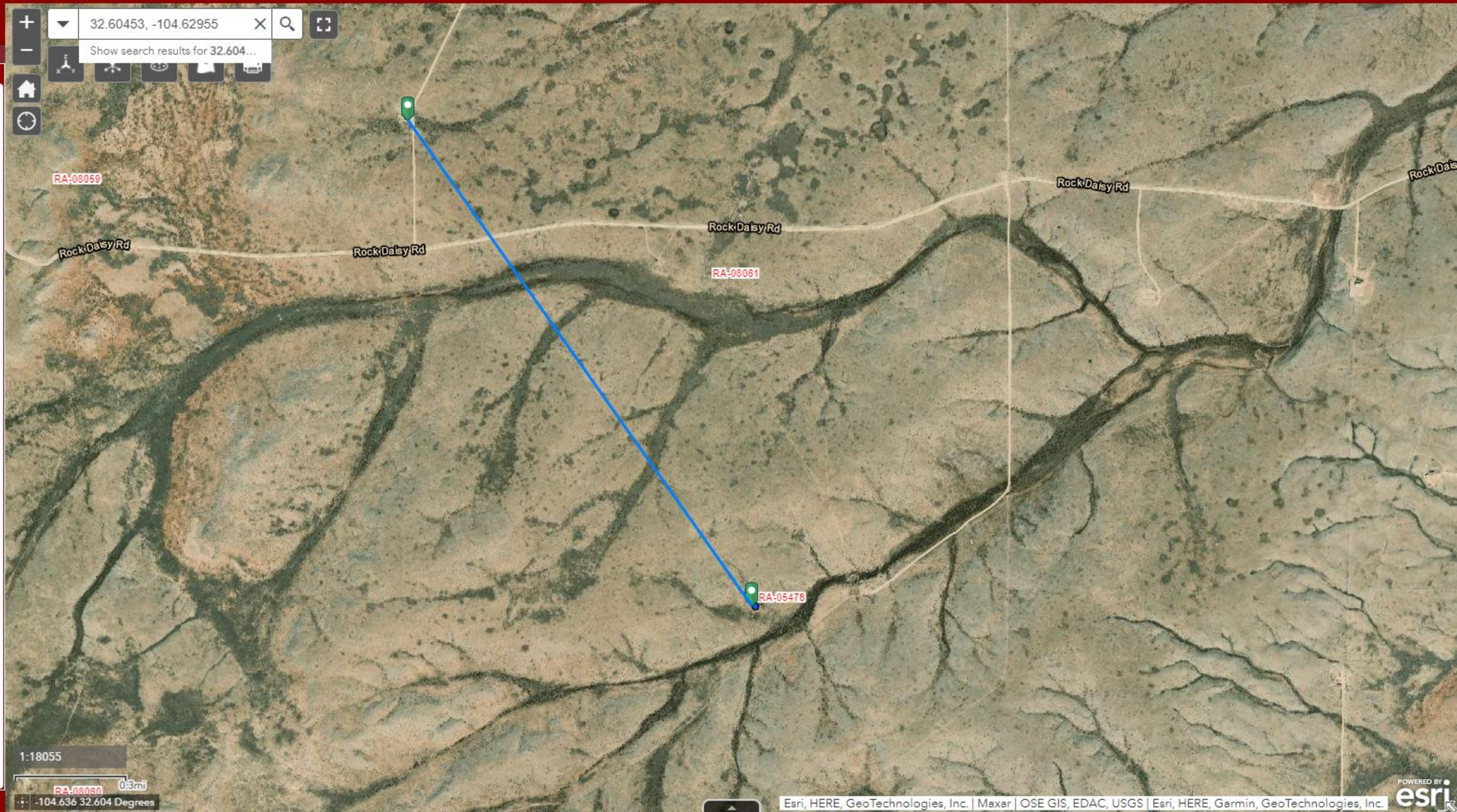
Miles

Measurement Result

1.59 Miles

Clear

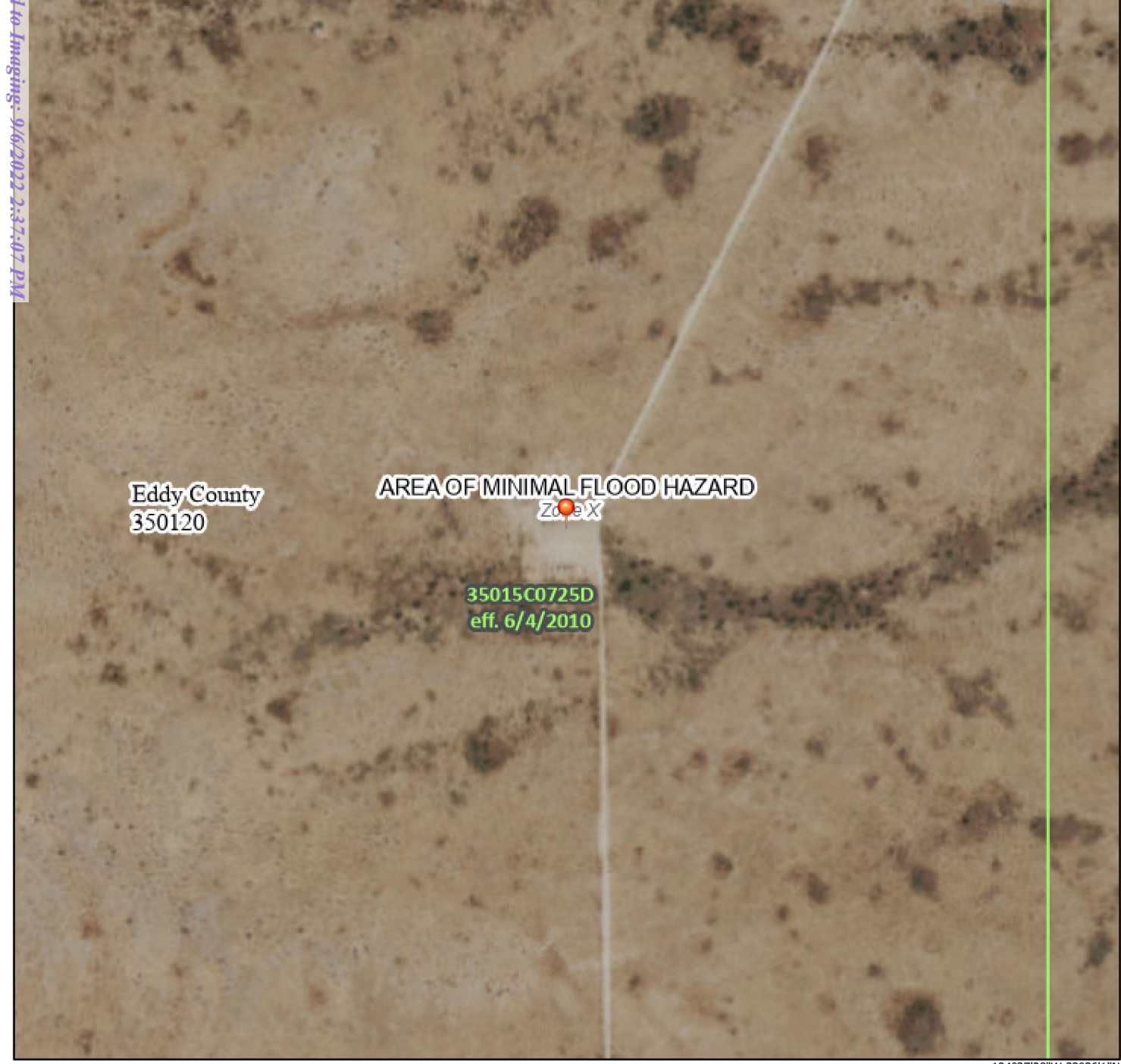
Press CTRL to enable snapping



National Flood Hazard Layer FIRMette



104°38'5"W 32°36'32"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone B</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone X</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
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 **3/21/2022 at 10:35 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.

Released to Imaging: 9/6/2022 2:37:07 PM

Received by OCD: 5/26/2022 11:01:07 AM

Legend

Oil and Gas Wells

Wells - Large Scale

Miscellaneous

CO2, Active

CO2, Cancelled

CO2, New

CO2, Plugged

CO2, Temporarily Abandoned

Gas, Active

Gas, Cancelled

Gas, New

Gas, Plugged

Gas, Temporarily Abandoned

Injection, Active

Injection, Cancelled

Injection, New

Injection, Plugged

Injection, Temporarily Abandoned

Oil, Active

Oil, Cancelled

Oil, New

Oil, Plugged

Oil, Temporarily Abandoned

Salt Water Injection, Active

Salt Water Injection, Cancelled

Salt Water Injection, New

Salt Water Injection, Plugged

Salt Water Injection, Temporarily Abandoned

Water, Active

Water, Cancelled

Water, New

Water, Plugged

Water, Temporarily Abandoned

Released to Imaging: 9/6/2022 2:37:07 PM

+

-

Home

Refresh

32.60453, -104.62995

Show search results for 32.604...

Q

Print

Measure

Fullscreen

30-015-20344

50.5 Feet

Clear

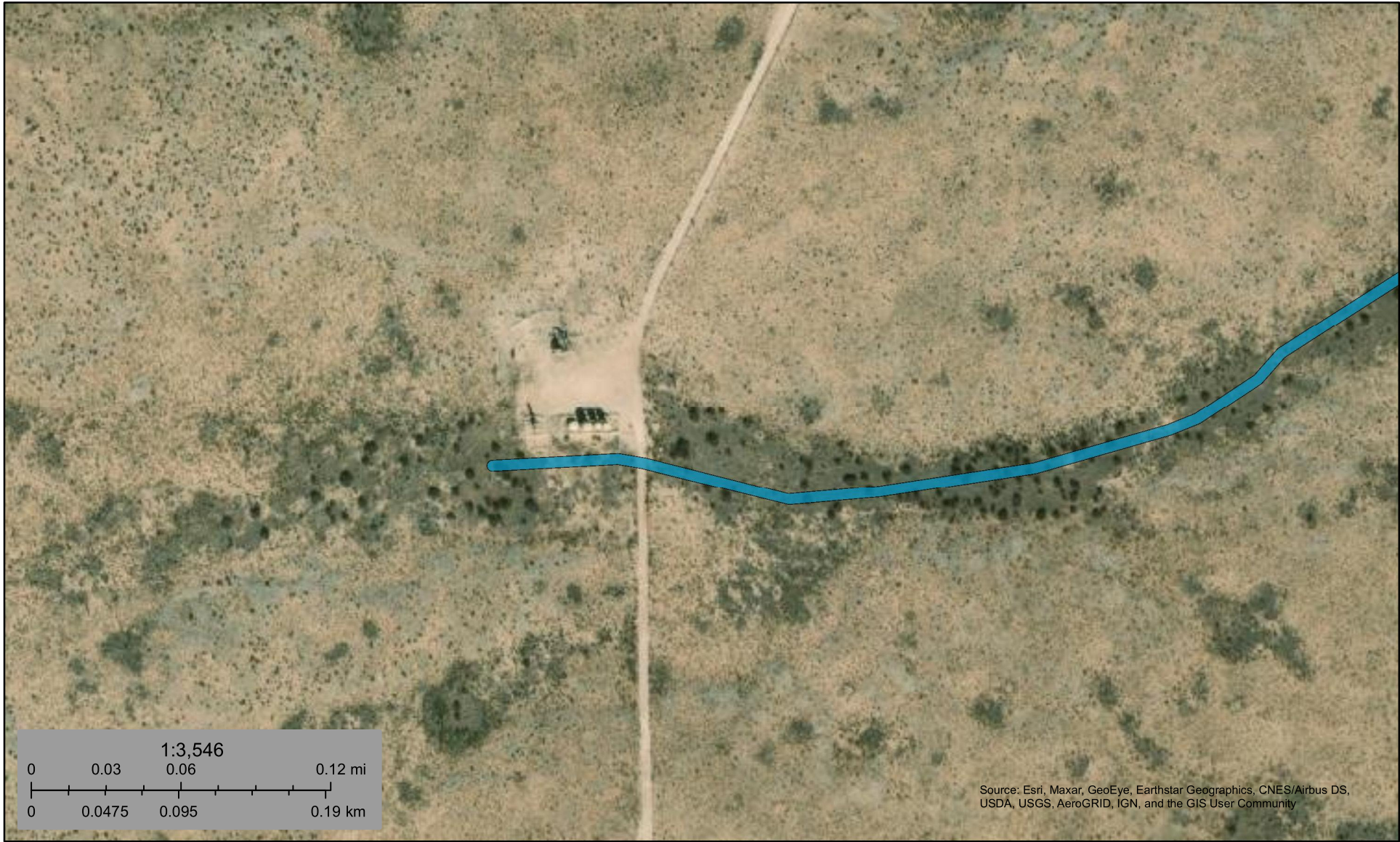
Press CTRL to enable snapping

30m

100ft

-104.63070 32.60476 Degrees

Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department. | Maxar, ...



March 21, 2022

Wetlands

- | | | |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland |  Lake |
|  Estuarine and Marine Wetland |  Freshwater Forested/Shrub Wetland |  Other |
| |  Freshwater Pond |  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.

Appendix B



Field Notes with EPA 418.1 Field Screening Reports



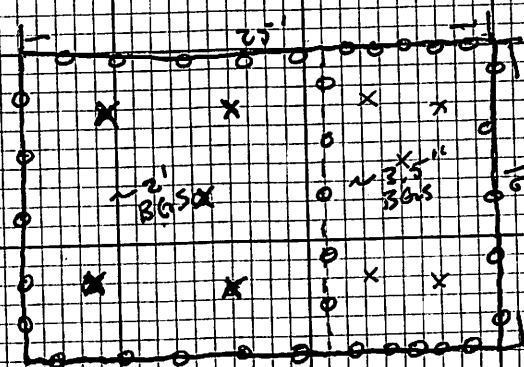
Practical Solutions for a Better Tomorrow

3/29/2022

2

Started by removing over where spill was identified. When arrived on site spill was covered with material from which track removal process occurred.

Excavated visual contamination, and soil with heavy odor to the extent of see map drawing.



Collected samples from base and walls after visible and manual odor was excavated out. Sample location identified above.

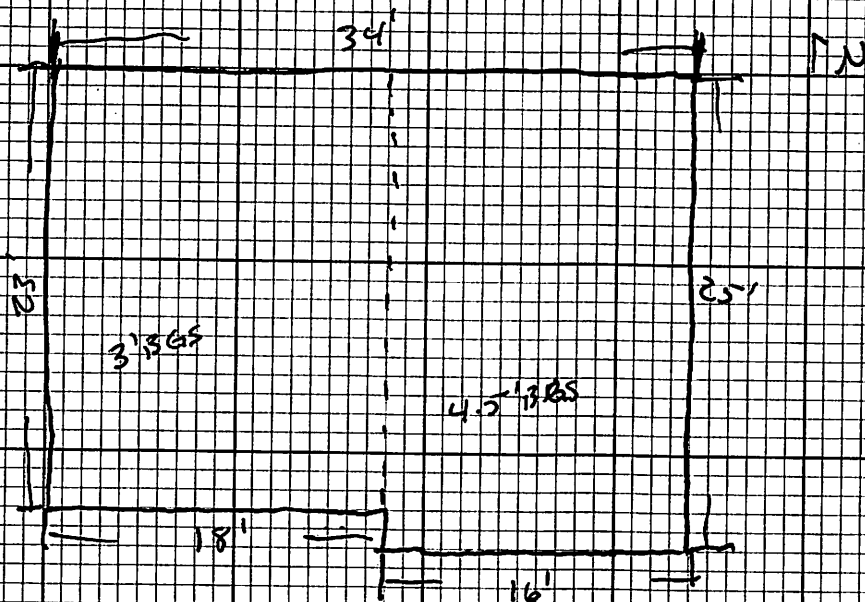
Order	Location	Depth	Vol	TRM
CS-1	West Base @ 2' 8 1/2"	< 281	6.31 / 14:28	376
CS-2	West sec. N. Wall	< 281	2.41 / 14:16	4248
CS-3	West sec. W. Wall	< 281	21.8 / 14:23	384
CS-4	West sec. S. Wall	< 281	0.0 / 14:28	68
CS-5	East Base @ 3.5' 8 1/2"	< 281	335.4 / 14:29	496
CS-6	East sec. N. Wall	< 281	93.5 / 14:30	724
CS-7	East sec. W. Wall	< 281	15.9 / 14:31	252
CS-8	East sec. S. Wall	< 281	129.9 / 14:36	786
CS-9	East sec. E. Wall	< 281	8.5 / 14:33	204

Gulf AGT Federal #1

3/30/2022

Arrived 7:00

Had the crew excavate the East & West Base 1' further.
Collected samples to screen in the field. Collected samples
screened in field results were below regulatory standard.
Excavated All Wall except the West section. South wall screened
samples collected see results below next page.



Pg 1

E06

Continued

3/30/2022

Gulf HGT Federal #1

	CI	VOC	TPH
CS-10 West Base	<281	0.0 / 11:02	76 / 9:07
CS-11 East Base	<281	0.2 / 11:03	69 / 9:10
CS-12 W. Sec. N. Wall	<281	0.0 / 13:19	796 / 11:56
CS-13 W. Sec. W. Wall	<281	0.0 / 13:20	80 / 12:00
CS-14 E. Sec. N. Wall	<281	29.8 / 13:21	640 / 12:03
CS-15 E. Sec. W. Wall	<281	0.0 / 13:22	84 / 12:07
CS-16 E. Sec. S. Wall	<281	23.5 / 13:23	260 / 12:11
CS-17 E. Sec. E. Wall	<281	0.0 / 13:24	592 / 12:15
CS-18 W. Sec. N. Wall	<281	0.0 / 15:14	804 / 14:42
CS-19 E. Sec. N. Wall	<281	15.3 / 15:15	440 / 14:46
CS-20 E. Sec. E. Wall	<281	0.0 / 15:16	281 / 14:51
CS-21 E. Sec. S. Wall	<281	0.7 / 15:17	228 / 14:53

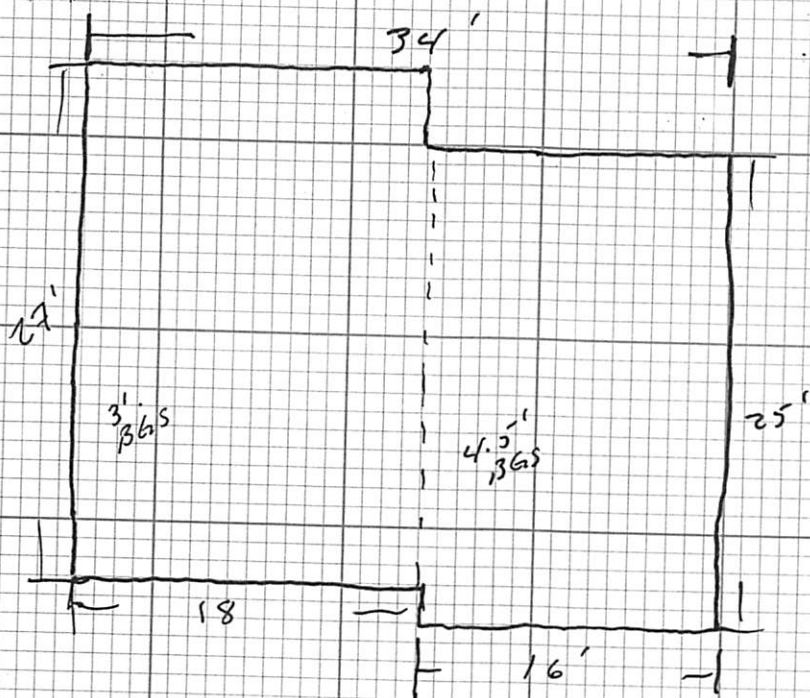
P02

Gulf A&T Federal #1

3/31/2022

Arrived 7:00

Had the crew excavate further on the N. wall in East and West sections, collected samples and screened in field. Results were above the regulatory limit. Excavated further collected samples and screen in field. See Below + next page for Results.



Pg. 1

Pg. 2

Appendix C



Site Photography



Practical Solutions for a Better Tomorrow

Site Photography
EOG Resources
Remediation Closure Report
Gulf AGT Federal #1 Well Site
Eddy County, New Mexico
Project #19034-0007
May 17, 2022



Picture 1: Well Site Sign



Picture 2: View of Impacted Area

Site Photography
EOG Resources
Remediation Closure Report
Gulf AGT Federal #1 Well Site
Eddy County, New Mexico
Project #19034-0007
May 17, 2022



Picture 3: View 2 of Impacted Area



Picture 4: View of Impacted Area Subsequent of AST Removal

Site Photography
EOG Resources
Remediation Closure Report
Gulf AGT Federal #1 Well Site
Eddy County, New Mexico
Project #19034-0007
May 17, 2022



Picture 5: View of Excavation



Picture 6: View 2 of Excavation

Site Photography
EOG Resources
Remediation Closure Report
Gulf AGT Federal #1 Well Site
Eddy County, New Mexico
Project #19034-0007
May 17, 2022

April 29, 2022



Picture 7: View of Excavation Progress



Picture 8: View 2 of Final Excavation

Site Photography
EOG Resources
Remediation Closure Report
Gulf AGT Federal #1 Well Site
Eddy County, New Mexico
Project #19034-0007
May 17, 2022



Picture 9: View of Backfill Activities



Picture 10: View 2 of Backfill Activities

Appendix D



Laboratory Analytical Report



Practical Solutions for a Better Tomorrow

Report to:
Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gulf AGT Federal #1

Work Order: E204066

Job Number: 19034-0011

Received: 4/8/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/18/22

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: 4/18/22



Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Gulf AGT Federal #1
Workorder: E204066
Date Received: 4/8/2022 2:03:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2022 2:03:00PM, under the Project Name: Gulf AGT Federal #1.

The analytical test results summarized in this report with the Project Name: Gulf AGT Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Sample Custody Officer
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gulf AGT Federal #1 Project Number: 19034-0011 Project Manager: Greg Crabtree	Reported: 04/18/22 16:40
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-26	E204066-01A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-01B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-27	E204066-02A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-02B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-28	E204066-03A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-03B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-29	E204066-04A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-04B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-30	E204066-05A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-05B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-31	E204066-06A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-06B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-32	E204066-07A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-07B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-33	E204066-08A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-08B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
CS-34	E204066-09A	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.
	E204066-09B	Soil	04/07/22	04/08/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gulf AGT Federal #1 Project Number: 19034-0011 Project Manager: Greg Crabtree	Reported: 4/18/2022 4:40:42PM
--	---	---

CS-26

E204066-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2216067	
Diesel Range Organics (C10-C28)	133	25.0	1	04/13/22	04/16/22	
Oil Range Organics (C28-C36)	226	50.0	1	04/13/22	04/16/22	
<i>Surrogate: n-Nonane</i>		127 %	50-200	04/13/22	04/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2216077	
Chloride	31.4	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-27

E204066-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2216067	
Diesel Range Organics (C10-C28)	50.6	25.0	1	04/13/22	04/16/22	
Oil Range Organics (C28-C36)	119	50.0	1	04/13/22	04/16/22	
<i>Surrogate: n-Nonane</i>		127 %	50-200	04/13/22	04/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2216077	
Chloride	ND	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-28

E204066-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.8 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	197	25.0	1	04/13/22	04/16/22	
Oil Range Organics (C28-C36)	288	50.0	1	04/13/22	04/16/22	
<i>Surrogate: n-Nonane</i>						
		127 %	50-200	04/13/22	04/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	605	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-29

E204066-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.8 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	157	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	101	50.0	1	04/13/22	04/14/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	68.8	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-30

E204066-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/22	04/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/14/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	04/13/22	04/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	ND	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-31

E204066-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	54.6	25.0	1	04/13/22	04/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/15/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	04/13/22	04/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	24.8	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-32

E204066-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.7 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	414	25.0	1	04/13/22	04/16/22	
Oil Range Organics (C28-C36)	647	50.0	1	04/13/22	04/16/22	
<i>Surrogate: n-Nonane</i>						
		126 %	50-200	04/13/22	04/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	ND	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-33

E204066-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2216020
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.1 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2216067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/13/22	04/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/13/22	04/15/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	04/13/22	04/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2216077
Chloride	ND	20.0	1	04/14/22	04/15/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
4/18/2022 4:40:42PM

CS-34

E204066-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Benzene	ND	0.0250	1	04/11/22	04/15/22	
Ethylbenzene	ND	0.0250	1	04/11/22	04/15/22	
Toluene	ND	0.0250	1	04/11/22	04/15/22	
o-Xylene	ND	0.0250	1	04/11/22	04/15/22	
p,m-Xylene	ND	0.0500	1	04/11/22	04/15/22	
Total Xylenes	ND	0.0250	1	04/11/22	04/15/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2216020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/22	04/15/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	04/11/22	04/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2216067	
Diesel Range Organics (C10-C28)	95.3	25.0	1	04/13/22	04/15/22	
Oil Range Organics (C28-C36)	69.1	50.0	1	04/13/22	04/15/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	04/13/22	04/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2216077	
Chloride	ND	20.0	1	04/14/22	04/15/22	



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	4/18/2022 4:40:42PM

Volatile Organics by EPA 8021B

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 (2216020-BLK1)

Prepared: 04/11/22 Analyzed: 04/14/22

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	7.17		8.00		89.7	70-130			

LCS (2216020-BS1)

Prepared: 04/11/22 Analyzed: 04/14/22

Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130			
Toluene	5.10	0.0250	5.00		102	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	9.99	0.0500	10.0		99.9	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.53		8.00		107	70-130			

Matrix Spike (2216020-MS1)

Source: E204048-01

Prepared: 04/11/22 Analyzed: 04/14/22

Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.61		8.00		108	70-130			

Matrix Spike Dup (2216020-MSD1)

Source: E204048-01

Prepared: 04/11/22 Analyzed: 04/14/22

Benzene	5.23	0.0250	5.00	ND	105	54-133	2.10	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133	1.99	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	2.14	20	
o-Xylene	5.12	0.0250	5.00	ND	102	63-131	2.05	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.88	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	1.94	20	
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	4/18/2022 4:40:42PM

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 (2216020-BLK1)

Prepared: 04/11/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2216020-BS2)

Prepared: 04/11/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

Matrix Spike (2216020-MS2)

Source: E204048-01

Prepared: 04/11/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

Matrix Spike Dup (2216020-MSD2)

Source: E204048-01

Prepared: 04/11/22 Analyzed: 04/14/22

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130	1.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	4/18/2022 4:40:42PM

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 (2216067-BLK1)

Prepared: 04/13/22 Analyzed: 04/14/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	53.1		50.0		106	50-200			

LCS (2216067-BS1)

Prepared: 04/13/22 Analyzed: 04/14/22

Diesel Range Organics (C10-C28)	481	25.0	500		96.2	38-132			
Surrogate: <i>n</i> -Nonane	54.4		50.0		109	50-200			

Matrix Spike (2216067-MS1)

Source: E204066-01

Prepared: 04/13/22 Analyzed: 04/16/22

Diesel Range Organics (C10-C28)	713	25.0	500	133	116	38-132			
Surrogate: <i>n</i> -Nonane	67.3		50.0		135	50-200			

Matrix Spike Dup (2216067-MSD1)

Source: E204066-01

Prepared: 04/13/22 Analyzed: 04/16/22

Diesel Range Organics (C10-C28)	682	25.0	500	133	110	38-132	4.40	20	
Surrogate: <i>n</i> -Nonane	66.7		50.0		133	50-200			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	4/18/2022 4:40:42PM

Anions by EPA 300.0/9056A

Analyst: KL

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 (2216077-BLK1)

Prepared: 04/14/22 Analyzed: 04/15/22

Chloride ND 20.0

LCS (2216077-BS1)

Prepared: 04/14/22 Analyzed: 04/15/22

Chloride 255 20.0 250 102 90-110

Matrix Spike (2216077-MS1)

Source: E204065-01

Prepared: 04/14/22 Analyzed: 04/15/22

Chloride 282 20.0 250 24.5 103 80-120

Matrix Spike Dup (2216077-MSD1)

Source: E204065-01

Prepared: 04/14/22 Analyzed: 04/15/22

Chloride 302 20.0 250 24.5 111 80-120 6.68 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

EOG Resources	Project Name:	Gulf AGT Federal #1	
104 South 4th Street	Project Number:	19034-0011	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	04/18/22 16:40

- 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.



Project Information

Chain of Custody

Page 1 of 1

Client: <u>EOG</u> Project: <u>GULF MGT FEDERAL #1</u> Project Manager: <u>GREG CANTRELL</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>ALL ENVIRO</u> Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only					TAT				EPA Program			
										Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA		
										E2040(6)		19034-0011						X				
										Analysis and Method											RCRA	
											State											
											NM	CO	UT	AZ	TX							
											X											
											Remarks											
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	BD60C										
8:53	4-7-22	S	2	CS-26	1							X										YOG Glass Jars
8:57				CS-27	2							X										
9:00				CS-28	3							X										
9:04				CS-29	4							X										
9:08				CS-30	5							X										
9:11				CS-31	6							X										
9:16				CS-32	7							X										
9:20				CS-33	8							X										
9:24				CS-34	9							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.												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.										
Sampled by: <u>KSANCHEZ</u>																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only										
<u>KL S</u>		4-8-22		14:02		<u>Carlin Carter</u>		4/8/22		14:03		Received on Ice: <u>Y</u> N										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		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: 4/11/2022 12:44:30PM

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:	EOG Resources	Date Received:	04/08/22 14:03	Work Order ID:	E204066
Phone:	(575) 748-4217	Date Logged In:	04/11/22 09:52	Logged In By:	Caitlin Christian
Email:		Due Date:	04/15/22 17:00 (5 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: Kholeton SanchezComments/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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Greg Crabtree



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

EOG Resources

Project Name: Gulf AGT Federal #1

Work Order: E204202

Job Number: 19034-0011

Received: 4/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/2/22

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: 5/2/22

Greg Crabtree
104 South 4th Street
Artesia, NM 88210

Project Name: Gulf AGT Federal #1
Workorder: E204202
Date Received: 4/28/2022 4:15:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2022 4:15:00PM, under the Project Name: Gulf AGT Federal #1.

The analytical test results summarized in this report with the Project Name: Gulf AGT Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gulf AGT Federal #1 Project Number: 19034-0011 Project Manager: Greg Crabtree	Reported: 05/02/22 16:53
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 42	E204202-01A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.
CS - 43	E204202-02A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.
CS - 44	E204202-03A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.
CS - 45	E204202-04A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.
CS - 46	E204202-05A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.
CS - 47	E204202-06A	Soil	04/27/22	04/28/22	Glass Jar, 4 oz.



Sample Data

EOG Resources 104 South 4th Street Artesia NM, 88210	Project Name: Gulf AGT Federal #1 Project Number: 19034-0011 Project Manager: Greg Crabtree	Reported: 5/2/2022 4:53:05PM
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CS - 42

E204202-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2218048
Benzene	ND	0.0250	1	04/29/22	04/29/22	
Ethylbenzene	ND	0.0250	1	04/29/22	04/29/22	
Toluene	ND	0.0250	1	04/29/22	04/29/22	
o-Xylene	ND	0.0250	1	04/29/22	04/29/22	
p,m-Xylene	ND	0.0500	1	04/29/22	04/29/22	
Total Xylenes	ND	0.0250	1	04/29/22	04/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	04/29/22	04/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2218048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	04/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	04/29/22	04/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2218050
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	04/29/22	05/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CS			Batch: 2218049
Chloride	174	20.0	1	04/29/22	04/29/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
5/2/2022 4:53:05PM

CS - 43

E204202-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	ND	0.0250	1	04/29/22	04/29/22	
Ethylbenzene	0.0289	0.0250	1	04/29/22	04/29/22	
Toluene	ND	0.0250	1	04/29/22	04/29/22	
o-Xylene	ND	0.0250	1	04/29/22	04/29/22	
p,m-Xylene	ND	0.0500	1	04/29/22	04/29/22	
Total Xylenes	ND	0.0250	1	04/29/22	04/29/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/29/22	04/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	04/29/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	04/29/22	04/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	26.4	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	04/29/22	05/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	37.7	20.0	1	04/29/22	04/29/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
5/2/2022 4:53:05PM

CS - 44

E204202-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	ND	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/02/22	
Toluene	ND	0.0250	1	04/29/22	05/02/22	
o-Xylene	ND	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>	101 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	70.0	20.0	1	04/29/22	04/29/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
5/2/2022 4:53:05PM

CS - 45

E204202-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Benzene	ND	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/02/22	
Toluene	ND	0.0250	1	04/29/22	05/02/22	
o-Xylene	ND	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218050
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2218049
Chloride	72.3	20.0	1	04/29/22	04/29/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
5/2/2022 4:53:05PM

CS - 46

E204202-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Benzene	ND	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/02/22	
Toluene	ND	0.0250	1	04/29/22	05/02/22	
o-Xylene	ND	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218050
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2218049
Chloride	ND	20.0	1	04/29/22	04/29/22	



Sample Data

EOG Resources
104 South 4th Street
Artesia NM, 88210

Project Name: Gulf AGT Federal #1
Project Number: 19034-0011
Project Manager: Greg Crabtree

Reported:
5/2/2022 4:53:05PM

CS - 47

E204202-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Benzene	ND	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/29/22	05/02/22	
Toluene	ND	0.0250	1	04/29/22	05/02/22	
o-Xylene	ND	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/29/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2218048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		04/29/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2218050
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		04/29/22	05/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: CS		Batch: 2218049
Chloride	ND	20.0	1	04/29/22	04/29/22	



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	5/2/2022 4:53:05PM

Volatile Organics by EPA 8021B

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 (2218048-BLK1)

Prepared: 04/29/22 Analyzed: 04/29/22

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	8.43		8.00		105	70-130			

LCS (2218048-BS1)

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.1	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike (2218048-MS1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133			
Toluene	4.80	0.0250	5.00	ND	95.9	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2218048-MSD1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.28	0.0250	5.00	ND	106	54-133	5.36	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133	4.54	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	4.98	20	
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131	4.68	20	
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131	4.24	20	
Total Xylenes	14.7	0.0250	15.0	ND	97.7	63-131	4.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	5/2/2022 4:53:05PM

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 (2218048-BLK1) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2218048-BS2) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		89.9	70-130			

Matrix Spike (2218048-MS2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike Dup (2218048-MSD2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	8.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	5/2/2022 4:53:05PM

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 (2218050-BLK1)

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

LCS (2218050-BS1)

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	507	25.0	500		101	38-132			
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

Matrix Spike (2218050-MS1)

Source: E204142-01

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

Matrix Spike Dup (2218050-MSD1)

Source: E204142-01

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	525	25.0	500	ND	105	38-132	0.212	20	
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			



QC Summary Data

EOG Resources	Project Name:	Gulf AGT Federal #1	Reported:
104 South 4th Street	Project Number:	19034-0011	
Artesia NM, 88210	Project Manager:	Greg Crabtree	5/2/2022 4:53:05PM

Anions by EPA 300.0/9056A

Analyst: CS

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 (2218049-BLK1)

Prepared: 04/29/22 Analyzed: 04/29/22

Chloride	ND	20.0
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LCS (2218049-BS1)

Prepared: 04/29/22 Analyzed: 05/02/22

Chloride	251	20.0	250	101	90-110
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Matrix Spike (2218049-MS1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Chloride	445	20.0	250	174	108	80-120
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Matrix Spike Dup (2218049-MSD1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Chloride	411	20.0	250	174	95.0	80-120	7.82	20
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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

EOG Resources	Project Name:	Gulf AGT Federal #1	
104 South 4th Street	Project Number:	19034-0011	Reported:
Artesia NM, 88210	Project Manager:	Greg Crabtree	05/02/22 16:53

- 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.

Client: <u>EOG</u> Project: <u>GULF COAST FEDERAL #1</u> Project Manager: <u>Greg Crabtree</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>Tknight Gcrabtree Bhall Igarci KSanchez</u> Dcarter _____ Report due by: _____					Bill To Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only Lab WO# <u>E204202</u> Job Number <u>19034-0011</u> Analysis and Method					TAT 1D 2D 3D Standard			EPA Program CWA SDWA	
															RCRA State NM CO UT AZ TX				
															Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
15:10	4-27-22	S	1	CS-42	1	X											70% GLASS JARS		
15:18	4-27-22	S	1	CS-43	2	X													
15:23	4-27-22	S	1	CS-44	3	X													
15:29	4-27-22	S	1	CS-45	4	X													
15:35	4-27-22	S	1	CS-46	5	X													
15:42	4-27-22	S	1	CS-47	6	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: K Sanchez

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>[Signature]</u>	4-28-22	16:14	<u>[Signature]</u>	4/28/22	16:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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.

Envirotech Analytical Laboratory

Printed: 4/28/2022 4:21:14PM

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:	EOG Resources	Date Received:	04/28/22 16:15	Work Order ID:	E204202
Phone:	(575) 748-4217	Date Logged In:	04/28/22 16:16	Logged In By:	Caitlin Christian
Email:		Due Date:	05/02/22 17:00 (2 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: Kholeton SanchezComments/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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Appendix E



Regulatory Correspondence



Practical Solutions for a Better Tomorrow

Brittany Hall

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Wednesday, May 25, 2022 3:36 PM
To: Brittany Hall; Tami Knight
Subject: FW: Gulf AGT Federal 1 (nAPP2209132598) C-141 Initial
Attachments: napp2209132598_04_01_2022_Initial Approved.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

See below

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Friday, April 1, 2022 10:57 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Gulf AGT Federal 1 (nAPP2209132598) C-141 Initial

Attached is the approved C-141 Initial with conditions as noted below.

Thank you.

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, April 1, 2022 10:53 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 95247

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Tina Huerta for EOG RESOURCES INC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2209132598, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jocelyn Harimon
Environmental Specialist

575-748-1283

Jocelyn.Harimon@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Brittany Hall

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Wednesday, May 25, 2022 3:37 PM
To: Brittany Hall; Tami Knight
Subject: FW: [EXTERNAL] Gulf AGT Federal 1 (nAPP2209132598) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, April 5, 2022 1:44 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Gulf AGT Federal 1 (nAPP2209132598) Sampling Notification

fyi

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, April 5, 2022 8:09 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Gulf AGT Federal 1 (nAPP2209132598) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina,

Thank you for the notification. 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.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Friday, April 1, 2022 5:33 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Gulf AGT Federal 1 (nAPP2209132598) Sampling Notification

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

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gulf AGT Federal 1
F-6-20S-24E
Eddy County, NM
nAPP2209132598

Sampling will begin at 8:00 a.m. on Thursday, April 7, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina.huerta@eogresources.com



Artesia Division

Brittany Hall

From: Jeremy Haass <Jeremy_Haass@eogresources.com>
Sent: Wednesday, May 25, 2022 3:39 PM
To: Brittany Hall; Tami Knight
Subject: FW: [EXTERNAL] Gulf AGT Federal #1 (nAPP2209132598) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Monday, April 25, 2022 8:38 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Gulf AGT Federal #1 (nAPP2209132598) Sampling Notification

FYI

Miriam Morales

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Friday, April 22, 2022 1:45 PM
To: Miriam Morales <Miriam_Morales@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Gulf AGT Federal #1 (nAPP2209132598) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Miriam,

Thank you for the notification. 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.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Friday, April 22, 2022 9:36 AM
To: blm_nm_cfo_spill@blm.gov; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Subject: [EXTERNAL] Gulf AGT Federal #1 (nAPP2209132598) Sampling Notification

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

Good morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gulf AGT Federal #1
30-015-24122
Unit F, Section 6, T20S, R24E
Eddy County, NM
nAPP2209132598

Thank you,

Miriam Morales

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 110695

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 110695
	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 #NAPP2209132598 GULF AGT FEDERAL #1, thank you. This closure is approved.	9/6/2022