Page 1 of 41 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

)

Incident ID	NAB1914254865
District RP	2RP-5438
Facility ID	
Application ID	pAB1914254142

Release Notification

Responsible Party

Responsible Party	OGRID
EOG Y Resources, Inc.	7377
Contact Name	Contact Telephone
Robert Asher	575-748-4217
Contact email	Incident # (assigned by OCD)
bob_asher@eogresources.com	NAB1914254865
Contact mailing address	
104 S. 4th Street, Artesia, NM	

Location of Release Source

Latitude 32.85272

Longitude -103.93194

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Kirk Federal Com #3H	Site: Type Well
Date Release: Discovered 5/9/2019	API# 30-015-45662

Unit Letter	Section	Township	Range	County
D	12	17S	30E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (Brine Water)	Volume Released (bbls) 10	Volume Recovered (bbls) 8
9 17		
Cause of Release;		
Popoff plunger parted on	pump. Vacuum truck dispatched to recover remainin	g brine water.
á		
Š		
селлед 		
Kec		

Form C-141

Received by

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Released to Imaging: 3/3/2022 12:40:40 PM

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: Robert Asher Title: Environmental Supervisor Signature: Date: 9-15-2021 email: bob asher@eogresources.com Telephone: 575-748-4217 **OCD** Only Received by: Date: Elosure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and

921			
Slosure Approved by: _	Nelson Velez	Date:	03/03/2022
arinted Name:	Nelson Velez	Title:	Environmental Specialist – Adv

arty of compliance with any other federal, state, or local laws and/or regulations.

mediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible



EOG Resources, Inc. Artesia Division Office 104 S. 4th Street Artesia, N. M. 88210

EOG Resources, Inc.

Closure Report

Kirk Federal Com #3H

30-015-45662

Section 12, T17S-R30E

Eddy County, New Mexico

9/15/2021

2RP-5438

NAB1914254865



Table of Contents

Ι.	Background	3
11.	Description of all remedial actions	3

Figures:

- Figure 1: Scaled Site Diagram and Sample Diagram
- Figure 2: Photographs of the site (Initial Excavation)
- Figure 3: Laboratory analysis after initial excavation
- Figure 4: Laboratory analysis of Final Sampling
- Figure 5: Release Notification, Form C-141
- Figure 6: Depth to Ground Water, Boring Log
- Figure 7: Closure, Form C-141

Released to Imaging: 3/3/2022 12:40:40 PM



I. Background

On May 9, 2019, EOG Resources, Inc. submitted to the NMOCD District II office a Form C-141 for the release of 10 B/Brine Water with 8 B/Brine Water recovered. The affected area is approximately 10' X 10' within the primary berm of the battery. The release was caused by a pop-off plunger parted, which caused the release. A vacuum truck was called and recovered the remaining brine water. A backhoe was dispatched and scraped up the surface of the pad, contaminated soils were disposed at an NMOCD approved facility. The release occurred on the well pad and remained on the well pad.

II. Description of all remedial actions and closure

EOG proposed the following remediation plan from the Characterization Plan.

EOG Resources, Inc. had a contractor excavate soils from the release area. This excavated area was approximately 10' X 10' X 1', these soils were taken to an approved NMOCD facility. The excavation depth was based off of the 5/21/2019 analytical results. After excavation, samples of the bottom of the excavation as well as the sidewalls were collected and analyzed for the same constituents/methods as described in Table I of 19.15.29.12 NMAC. EOG will test the remediated areas for contamination with representative five-point composite samples and individual grab samples from any wet or discolored areas. The samples will be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC (Figure 3).

Separate representative wall and base 5-point composite samples were collected to show horizontal and vertical remediation. Each composite sample was not representative of more than 200 ft² (Figure 4).

With all composite and grab sample concentrations are less than or equal to the parameters listed in Table I or any conditions of approval, the responsible party proceeded to backfill the excavated area.



Scaled Site Map and Sampling Diagram

Released to Imaging: 3/3/2022 12:40:40 PM







Photographs of the site (Initial Excavation)

5















Laboratory analysis after initial excavation



Analytical Report

Report Summary

Client: EOG Resources Inc. - Carlsbad

Samples Received: 11/22/2019 Job Number: 19034-0001 Work Order: P911111 Project Name/Location: Kirk Federal Com #3

Report Reviewed By:

Walter Hinking

Date:

11/27/19

Walter Hinchman, Laboratory Director



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

Ph (505) 632-0615 Fx (505) 632-1865

5796 Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

Page 1 of 10

Released to Imaging: 3/3/2022 12:40:40 PM



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1.BE	P911111-01A	Soil	11/19/19	11/22/19	Glass Jar, 4 oz.
S-1.SW	P911111-02A	Soil	11/19/19	11/22/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Ph (505) 632-0615 Fx (505) 632-1865

5796 Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

D.

Page 2 of 10

Released to Imaging: 3/3/2022 12:40:40 PM



EOG Resources Inc Carlsbad	Project Name:		Kirk Federal Com #3							
104 South 4th Street	Project Number:		1903	19034-0001				Reported:	Reported:	
Artesia NM, 88210	Projec	et Manager:	Robe	ert Asher			11/27/19 09:42			
S-1.BE										
			11-01 (So	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organics by EPA 8021										
Benzene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
Toluene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
Ethylbenzene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
p,m-Xylene	ND	0.0500	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
o-Xylene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
Total Xylenes	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B		
- Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1947049	11/22/19	11/23/19	EPA 8021B		
Nonhalogenated Organics by 8015 - DRO/ORG	00									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1947050	11/22/19	11/26/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1947050	11/22/19	11/26/19	EPA 8015D		
Surrogate: n-Nonane		86.6 %	50	-200	1947050	11/22/19	11/26/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8015D		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	50	-150	1947049	11/22/19	11/23/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	ND	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A		

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Ph (505) 632-0615 Fx (505) 632-1865

5796 Highway 64, Farmington, NM 87401

24 Hour Emergency Response Phone (800) 362-1879

Page 3 of 10



EOG Resources Inc Carlsbad	Project	Project Name: Project Number:		Kirk Federal Com #3					
104 South 4th Street	Project			19034-0001					Reported:
Artesia NM, 88210	Project	Project Manager: Robert Asher					11/27/19 09:42		
		Ś	5-1.SW						
			11-02 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %	50	-150	1947049	11/22/19	11/23/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/O	RO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1947050	11/22/19	11/26/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1947050	11/22/19	11/26/19	EPA 8015D	
Surrogate: n-Nonane		82.0 %	50	-200	1947050	11/22/19	11/26/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947049	11/22/19	11/23/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-F1D		87.4 %	50	-150	1947049	11/22/19	11/23/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Received by OCD: 9/16/2021 8:22:08 AM

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

Page 4 of 10



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1947049 - Purge and Trap EPA 5030A										
Blank (1947049-BLK1)				Prepared:	11/22/19 1 A	nalyzed: 1	1/22/19 2			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	u							
Ethylbenzene	ND	0.0250	u							
p,m-Xylene	ND	0.0500	u							
o-Xylene	ND	0.0250	н							
Total Xylenes	ND	0.0250	н							
Surrogate: 4-Bromochlorobenzene-PID	8.11		n	8.00		101	50-150			
LCS (1947049-BS1)				Prepared: 1						
Benzene	5.04	0.0250	mg/kg	5.00		101	70-130			
Toluene	5.11	0.0250	"	5.00		102	70-130			
Ethylbenzene	5.05	0.0250		5.00		101	70-130			
p,m-Xylene	10.0	0.0500	н	10.0		100	70-130			
o-Xylene	5.02	0.0250		5.00		100	70-130			
Total Xylenes	15.1	0.0250		15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.24		"	8.00		103	50-150			
Matrix Spike (1947049-MS1)	Sou	irce: P911105-()1	Prepared: 1						
Benzene	5.28	0.0250	mg/kg	5.00	ND	106	54.3-133			
Toluene	5.34	0.0250	"	5.00	ND	107	61.4-130			
Ethylbenzene	5.27	0.0250		5.00	ND	105	61.4-133			
p,m-Xylene	10.5	0.0500		10.0	ND	105	63.3-131			
o-Xylene	5.26	0.0250		5.00	ND	105	63.3-131			
Total Xylenes	15.7	0.0250	u	15.0	ND	105	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.24		"	8.00		103	50-150			
Matrix Spike Dup (1947049-MSD1)	Sou	rce: P911105-()1	Prepared: 1	1/22/19 1 A	nalyzed: 1	1/22/19 2			
Benzene	5.15	0.0250	mg/kg	5.00	ND	103	54.3-133	2.44	20	
Toluene	5.25	0.0250	mg/kg	5.00	ND	105	61.4-130	1.69	20	
Ethylbenzene	5.21	0.0250	н	5.00	ND	105	61.4-133	1.30	20	
p,m-Xylene	10.4	0.0500		10.0	ND	104	63.3-131	1.30	20	
o-Xylene	5,20	0.0250		5.00	ND	104	63.3-131	1.17	20	
Total Xylenes	15.5	0.0250	u	15.0	ND	104	63.3-131	1.17	20	
Surrogate: 4-Bromochlorobenzene-PID	8.22	0.0230	"	8.00	нD	104	50-150	1,20	20	
Surrogate. 4-Dromocniorovenzene-F1D	0.22			0.00		105	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

Page 5 of 10



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

					•					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1947050 - DRO Extraction EPA 3570										
Blank (1947050-BLK1)				Prepared:	11/22/19 1 A	Analyzed: 1	1/25/19 1			
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	н							
Surrogate: n-Nonane	48.3		"	50.0		96.5	50-200			
LCS (1947050-BS1)				Prepared:	11/22/19 1 A	Analyzed: 1	1/25/19 1			
Diesel Range Organics (C10-C28)	482	25.0	mg/kg	500		96.3	38-132			
Surrogate: n-Nonane	50.1		"	50.0		100	50-200			
Matrix Spike (1947050-MS1)	Sou	rce: P911105-(01	Prepared:	11/22/19 1 A	Analyzed: 1	1/25/19 1			
Diesel Range Organics (C10-C28)	470	25.0	mg/kg	500	ND	94.0	38-132			
Surrogate: n-Nonane	-48.4		"	50.0		96.8	50-200			
Matrix Spike Dup (1947050-MSD1)	Sou	Source: P911105-01 Pr			11/22/19 1 A	Analyzed: 1	1/25/19 1			
Diesel Range Organics (C10-C28)	481	25.0	mg/kg	500	ND	96.2	38-132	2.33	20	
Surrogate: n-Nonane	48.4			50.0		96.7	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Released to Imaging: 3/3/2022 12:40:40 PM



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

· ·													
	Reporting		Spike	Source		%REC		RPD					
Result	Limit	Units	Level	Result	t %REC Lin		RPD	Limit	Notes				
	Prepared: 11/22/19 1 Analyzed: 11/22/19 2												
ND	20.0	mg/kg											
6.92		ï	8.00		86.5	50-150							
			Prepared: 1	1/22/19 1 A	nalyzed: 1	1/22/19 2							
49.3	20.0	mg/kg	50.0		98.6	70-130							
7.04		"	8.00		88.0	50-150							
Sour	ce: P911105-()1	Prepared: 1	1/22/19 1 A	nalyzed: 1	1/22/19 2							
50.4	20.0	mg/kg	50.0	ND	101	70-130							
7.05		"	8.00		88.2	50-150							
Sour	Source: P911105-01 F			1/22/19 1 A	nalyzed: 1	1/23/19 0							
50.5	20.0	mg/kg	50.0	ND	101	70-130	0.217	20					
6.98		"	8.00		87.2	50-150							
	ND 6.92 49.3 7.04 Sour 50.4 7.05 Sour 50.5	Result Limit ND 20.0 6.92	Result Limit Units ND 20.0 mg/kg 6.92 " 49.3 20.0 mg/kg 7.04 " " 50.4 20.0 mg/kg 7.05 " " 50.5 20.0 mg/kg	Result Limit Units Level ND 20.0 mg/kg mg/kg 6.92 " 8.00 49.3 20.0 mg/kg 50.0 7.04 " 8.00 50.4 20.0 mg/kg 50.0 7.05 " 8.00 50.5 20.0 mg/kg 50.0	Result Limit Units Level Result Result Imit Units Level Result Prepared: 11/22/19 1 Å Prepared: 11/22/19 1 Å ND 20.0 mg/kg 8.00 Prepared: 6.92 " 8.00 Prepared: 11/22/19 1 Å 49.3 20.0 mg/kg 50.0 Prepared: 11/22/19 1 Å 50.4 20.0 mg/kg 50.0 ND 7.05 8.00 50.4 20.0 mg/kg 50.0 ND 7.05 7.05 8.00 50.5 20.0 mg/kg 50.0 ND 7.05 7.05 7.00 11/22/19 1 Å	Result Limit Units Level Result %REC Result Limit Units Level Result %REC Prepared: 11/22/19 1 Analyzed: 1 Prepared: 11/22/19 1 Analyzed: 1 8.65 MD 20.0 mg/kg 8.00 86.5 Prepared: 11/22/19 1 Analyzed: 1 98.6 49.3 20.0 mg/kg 50.0 98.6 7.04 " 8.00 88.0 88.0 Source: P911105-01 Prepared: 11/22/19 1 Analyzed: 1 101 50.4 20.0 mg/kg 50.0 ND 101 7.05 " 8.00 88.2 88.2 Source: P911105-01 Prepared: 11/22/19 1 Analyzed: 1 50.5 20.0 mg/kg 50.0 ND 101	Result Limit Units Level Result %REC Limits Result Limits Level Result %REC Limits Prepared: 11/22/19 1 Analyzed: 11/22/19 2 Prepared: 11/22/19 1 Analyzed: 11/22/19 2 MD 20.0 mg/kg S0.0 86.5 50-150 6.92 " 8.00 Result 11/22/19 1 Analyzed: 11/22/19 2 49.3 20.0 mg/kg 50.0 98.6 70-130 7.04 " 8.00 88.0 30-150 Source: P911105-01 Prepared: 11/22/19 1 Analyzed: 11/22/19 2 50.4 20.0 mg/kg 50.0 ND 101 70-130 7.05 " 8.00 88.2 30-150 30-150 Source: P911105-01 " 8.00 88.2 30-150 So.0 S0.0 ND 101 70-130 50.5 20.0 mg/kg 50.0 ND 101 <	Result Limit Units Level Result %REC Limits RPD Result Limits Units Level Result %REC Limits RPD Result Prepared: 11/22/19 1 Analyzed: 11/22/19 2 Imits RPD MD 20.0 mg/kg Prepared: 11/22/19 1 Analyzed: 11/22/19 2 6.92 " 8.00 86.5 50-150 Imits Prepared: 49.3 20.0 mg/kg 50.0 98.6 70-130 Imits Imits Imits Imits RPD 49.3 20.0 mg/kg 50.0 98.6 70-130 Imits Imits	Result Limit Units Level Result %REC Limits RPD Limit ND 20.0 mg/kg				

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.cor

24 Hour Emergency Response Phone (800) 362-1879

Page 7 of 10



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3								
104 South 4th Street	Project Number:	19034-0001	Reported:							
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42							

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

					•							
Augleta	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Analyte	Result	Linit	Units	Level	Result	70REC	Linits	KI D	Linit	INDICS		
Batch 1947046 - Anion Extraction EPA 3	00.0/9056A											
Blank (1947046-BLK1)		Prepared & Analyzed: 11/22/19 0										
Chloride	ND	20.0	mg/kg									
LCS (1947046-BS1)				Prepared: 11/22/19 0 Analyzed: 11/22/19 1								
Chloride	236	20.0	mg/kg	250		94.4	90-110					
Matrix Spike (1947046-MS1)	Sourc	e: P911104-0	01	Prepared: 1	11/22/19 0	Analyzed: 1	1/22/19 1					
Chloride	511	20.0	mg/kg	250	257	101	80-120					
Matrix Spike Dup (1947046-MSD1)	Sourc	e: P911104-0	01	Prepared: 1	11/22/19 0	Analyzed: 1	1/22/19 1					
Chloride	531	20.0	mg/kg	250	257	110	80-120	3.88	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 my differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com Labadmin@envirotech-inc.com

Page 8 of 10



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	11/27/19 09:42

Notes and Definitions

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

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

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

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Page 9 of 10

Released to Imaging: 3/3/2022 12:40:40 PM

Received b	y OCD:	9/16/2021	8:22:08 AM
------------	--------	-----------	------------

Project Information

Client: E	Client: EOG Resources, Inc.			0	Report Attention			BC HIV	1 - X	La	ab Us	se Or	lv	and a	TAT	E	EPA Program		
Project:	Kirk Feder	al Com #3	3H		la la	Rep	ort due by: <u>11/27/2019</u>		Lab	WO#		Job Num			12.0	1D 3D	RCRA	CWA	SDWA
Project N	lanager: F	Robert Asl	her		4	Atte	ention: Robert Asher		PO	1///1			19	034-0	1000				
Address:	104 Sout	h 4th Stre	et		1	Add	ress: 104 South 4th Street		· · · ·					sis and M				St	ate
City, Stat	e, Zip Arte	esia, NM 8	38210			City	, State, Zip Artesia, NM 88210		S	S								NM CO	UTA
Phone:	(575) 748	-4217				Pho	ne: (575) 748-4217		801	801	_			0					
Email: ro	bert ashe	er@eogre	sources.co	om -	1	Ema	ail: robert asher@eogresources.c	om	to by	to by	8021	3260	010	300.				X	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				Ren	narks
7:38 AM	11/19/19	s	1	S-1.BE					х	х	х			x				BG	DOC
7:55 AM	11/19/19	s	1	S-1.SW				2	х	х	х			x				BG	DOC
								潮速											
								新疆											
								加強											
Addition PO# 205	al Instruct 632	tions:																	
1.2.0				is sample. I am a or legal action. S		ampering w	vith or intentionally mislabelling the sample location, o	date or									eived on ice the da °C on subsequent	y they are sampled days.	l or received
Relinquish	ed by: (Signa		Date	1/20/201	Time 8:52	AM	Received by: (Signature) Received by: (Signature)	Date 11/22	lig	Time Q	45		Rec	eived on i	ce:	Lab U	se Only		
Relinquish	ed by: (Signa	iture) 💛	Date		Time		Received by: (Signature)	Date		Time			T1 AVG	Temp °C	<u> </u>	<u>T2</u>		<u>T3</u>	
				ueous, O - Oth				Container	Туре	g - gl	ass, p	- pol	y/plas	stic, ag - ar	nber g	lass, v - VC	DA		
Note: Samp those sampl	es are discard es received by	led 30 days af y the laborato	fter results ar ory with this C	e reported unl COC. The liabi	ess other ity of the	arrangem laboratory	ents are made. Hazardous samples will be retu y is limited to the amount paid for on the repor	rned to client o t.	or dispo	osed of	at the i	client e	expense	e. The report	for the	analysis of th	ne above samj	oles is applicat	ole only to
E	Зеі	nvi	rot	ec	h		US Highway 64, Farmington, NM 87401	1			Ph (5	05) 63	2-061	5 FX (505) (532-186	55			ech-inc.com
	-			aborato		24 h	our Emergency Response Phone (800) 36:	2-1879									labadm	in@envirotech	n-inc.com

Chain of Custody

Page 10 of 10

Page<u>1</u>of<u>1</u>



Laboratory analysis of Final Sampling

7



Analytical Report

Report Summary Client: EOG Resources Inc. - Carlsbad

Samples Received: 12/16/2019 Job Number: 19034-0001 Work Order: P912041 Project Name/Location: Kirk Federal Com #3H

Report Reviewed By:

Walter Hinkow

Date: 12/18/19

Walter Hinchman, Laboratory Director



Received by OCD: 9/16/2021 8:22:08 AM

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

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1.BE	P912041-01A	Soil	12/12/19	12/16/19	Glass Jar, 4 oz.
S-1.SW	P912041-02A	Soil	12/12/19	12/16/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

Page 2 of 10

Released to Imaging: 3/3/2022 12:40:40 PM



EOG Resources Inc Carlsbad	Project	Name:	Kirk	Federal Con	n #3H				
104 South 4th Street	Project	Number:	1903	4-0001				Reported:	
Artesia NM, 88210	Project	Manager:	Robe	ert Asher				12/18/19 17:	05
			S-1.BE						
		P9120	41-01 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1951004	12/16/19	12/17/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/	ORO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1951006	12/16/19	12/16/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1951006	12/16/19	12/16/19	EPA 8015D	
Surrogate: n-Nonane		91.9 %	50	-200	1951006	12/16/19	12/16/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO		_							
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8015D	
- Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	50	-150	1951004	12/16/19	12/17/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	253	20.0	mg/kg	1	1951005	12/16/19	12/16/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

envirotech-inc.com

24 Hour Emergency Response Phone (800) 362-1879

Page 3 of 10



EOG Resources Inc Carlsbad	Projec	t Name:	Kirk	Federal Con	n #3H				
104 South 4th Street	Projec	t Number:	1903	4-0001				Reported:	
Artesia NM, 88210	Projec	t Manager:	Robe	ert Asher				12/18/19 17:	05
		5	5-1.SW						
		P9120	41-02 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-P1D		101 %	50	-150	1951004	12/16/19	12/17/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1951006	12/16/19	12/17/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1951006	12/16/19	12/17/19	EPA 8015D	
Surrogate: n-Nonane		91.9 %	50	-200	1951006	12/16/19	12/17/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1951004	12/16/19	12/17/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	50	-150	1951004	12/16/19	12/17/19	EPA 8015D	
Anions by 300.0/9056A	4								
Chloride	65.3	20.0	mg/kg	1	1951005	12/16/19	12/16/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.c

24 Hour Emergency Response Phone (800) 362-1879

Page 4 of 10

Received by OCD: 9/16/2021 8:22:08 AM



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

		avin oteen ?	j ••		atory					
	D	Reporting		Spike	Source	A/DEC	%REC	222	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1951004 - Purge and Trap EPA 5030A										
Blank (1951004-BLK1)				Prepared &	z Analyzed:	12/16/19 1				
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	n							
Ethylbenzene	ND	0.0250	n							
p,m-Xylene	ND	0.0500								
o-Xylene	ND	0.0250								
Total Xylenes	ND	0.0250	u							
Surrogate: 4-Bromochlorobenzene-PID	7.96		"	8.00		99.4	50-150			
LCS (1951004-BS1)				Prepared &	z Analyzed:	12/16/19 1				
Benzene	4.89	0.0250	mg/kg	5.00		97.8	70-130			
Toluene	5.02	0.0250	"	5.00		100	70-130			
Ethylbenzene	4.94	0.0250		5.00		98.8	70-130			
p,m-Xylene	9.84	0.0500		10.0		98.4	70-130			
o-Xylene	4.88	0.0250	н	5.00		97.6	70-130			
Total Xylenes	14.7	0.0250		15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		"	8.00		99.2	50-150			
Matrix Spike (1951004-MS1)	Sou	rce: P912039-	01	Prepared &	Analyzed:	12/16/19 1				
Benzene	4.91	0.0250	mg/kg	5.00	ND	98.2	54.3-133			
Toluene	5.01	0.0250	"	5.00	ND	100	61.4-130			
Ethylbenzene	4.94	0.0250	u	5.00	ND	98.7	61.4-133			
p,m-Xylene	9.83	0.0500		10.0	ND	98.3	63.3-131			
o-Xylene	4,88	0.0250		5.00	ND	97.6	63.3-131			
Total Xylenes	14.7	0.0250		15.0	ND	98.1	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7.97		"	8.00		99.6	50-150			
Matrix Spike Dup (1951004-MSD1)	Sou	rce: P912039-	01	Prepared: 1	2/16/19 1 A	nalvzed: 1	2/16/19 2			
Benzene	4.69	0.0250	mg/kg	5.00	ND	93.8	54.3-133	4.62	20	
Foluene	4.80	0.0250	під/кд	5.00	ND	96.0	61.4-130	4.02	20	
Ethylbenzene	4.30	0.0250	н	5.00	ND	94.9	61.4-133	3.99	20	
o,m-Xylene	4.74 9.44	0.0230		10.0	ND	94.9 94.4	63,3-131	4.07	20	
p,m-Xylene	4.68	0.0250		5.00	ND	94.4 93.6	63.3-131	4.07	20	
Fotal Xylenes	4.08	0.0250		15.0	ND	93.0	63.3-131	4.21	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05	0.0230	"	8.00	ND	101	50-150	4.12	20	
nariogate. 4-Diomocnioiobenzene-1 1D	0.05			0.00		101	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.com



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1951006 - DRO Extraction EPA 3570										
Blank (1951006-BLK1)				Prepared &	Analyzed:	12/16/19 1				
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	н							
Surrogate: n-Nonane	50.1		"	50.0		100	50-200			
LCS (1951006-BS1)	Prepared & Analyzed: 12/16/19 1									
Diesel Range Organics (C10-C28)	454	25.0	mg/kg	500		90.8	38-132			
Surrogate: n-Nonane	-48.3		n	50.0		96.5	50-200			
Matrix Spike (1951006-MS1)	Sou	rce: P912039-	01	Prepared: 1	2/16/19 1 A	Analyzed: 12	2/16/19 2			
Diesel Range Organics (C10-C28)	477	25.0	mg/kg	500	ND	95.3	38-132			
Surrogate: n-Nonane	47.3		"	50.0		94.6	50-200			
Matrix Spike Dup (1951006-MSD1)	Sou	rce: P912039-	01	Prepared: 12/16/19 1 Analyzed: 12/16/19 2						
Diesel Range Organics (C10-C28)	481	25.0	mg/kg	500	ND	96.2	38-132	0.919	20	
Surrogate: n-Nonane	48.4		"	50.0		96.7	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.co

24 Hour Emergency Response Phone (800) 362-1879

Page 6 of 10

Received by OCD: 9/16/2021 8:22:08 AM



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1951004 - Purge and Trap EPA 5030A										
Blank (1951004-BLK1)				Prepared &	Analyzed:	12/16/19 1				
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.84		"	8.00		85.5	50-150			
LCS (1951004-BS2)				Prepared: 1	2/16/19 1 A	analyzed: 1	2/16/19 2			
Gasoline Range Organics (C6-C10)	45.6	20.0	mg/kg	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FlD	6.88		"	8.00		86.0	50-150			
Matrix Spike (1951004-MS2)	Sour	ce: P912039-	01	Prepared: 1	2/16/19 1 A	nalyzed: 1	2/16/19 2			
Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0	ND	96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		"	8.00		85.9	50-150			
Matrix Spike Dup (1951004-MSD2)	Sour	·ce: P912039-	01	Prepared: 12/16/19 1 Analyzed: 12/16/19 2		2/16/19 2				
Gasoline Range Organics (C6-C10)	46.1	20.0	mg/kg	50.0	ND	92.2	70-130	4.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		"	8.00		86.0	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

ole ,

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.com

24 Hour Emergency Response Phone (800) 362-1879

5796 Highway 64, Farmington, NM 87401

Page 7 of 10



EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H	
104 South 4th Street	Project Number:	19034-0001	Reported:
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

					-					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1951005 - Anion Extraction EPA 300.	0/9056A									
Blank (1951005-BLK1)				Prepared &	Analyzed:	12/16/19 1				
Chloride	ND	20.0	mg/kg							
LCS (1951005-BS1)				Prepared &	Analyzed:	12/16/19 1				
Chloride	253	20.0	mg/kg	250		101	90-110			
Matrix Spike (1951005-MS1)	Source	e: P912039-	01	Prepared &	Analyzed:	12/16/19 1				
Chloride	251	20.0	mg/kg	250	ND	100	80-120			
Matrix Spike Dup (1951005-MSD1)	Source	Source: P912039-01			Analyzed:	12/16/19 1				
Chloride	248	20.0	mg/kg	250	ND	99.2	80-120	1.14	20	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Page 8 of 10



Notes and Definitions					
Artesia NM, 88210	Project Manager:	Robert Asher	12/18/19 17:05		
104 South 4th Street	Project Number:	19034-0001	Reported:		
EOG Resources Inc Carlsbad	Project Name:	Kirk Federal Com #3H			

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

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

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

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

Received by OCD: 9/16/2021 8:22:08 AM

Project In	formatior	n					Chain of	Custody											Pag	e <u>1</u> o	f1_
Client: E	OG Resou	rces. Inc.			205.0	10	Report Attention	et	(dear))	1 10 10	1.	ahlle	se On	lv.	- A Ret*	10.71	TAT	- 1	E	PA Progra	
Project: Kirk Federal Com #3H		Vier Vier	Rep	ort due by: 12/20/2019		Lab	WO#						1D 3		CRA	CWA	SDWA				
	lanager: I					Attention: Robert Asher			DC	In	IUC				1-0C	1 ICK				CVVA SDVV	
	104 Sout				203	1.6	ress: 104 South 4th Street		PGIAO41											State	
	e, Zip Arte				Stere	-	State, Zip Artesia, NM 88210	0	10	10		<u> </u>	Analysis and Metho		IIIOU			1		UTAZ	
	(575) 748				2.4		ne: (575) 748-4217	·	801	801											UT AZ
and the second	bert ashe		sources.co	om	(A) (A)	16	il: robert asher@eogresour	ces com	by	by	021	60	10	00.00						X	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	1			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						Rem	arks
8:02 AM	12/12/19	s	1	S-1.BE				A La	x	x	X	-		X				-		BGI	DOC
8:10 AM	12/12/19	s	1	S-1.SW				2	х	х	х			х						BGI	DOC
																					1.3
								1120													
						1															
Addition PO# 2056	al Instruct 632	tions:						(I			
				is sample. I am a or legal action. S		mpering w	th or intentionally mislabelling the sample loc	ation, date or										received on In 6 °C on sul		y they are sampled iays.	or received
	ed by: (Signa		Date		Time 3:03 F	٩	Received by: (Signature)	- Date	119	Time	80		Rece	eived	on ic	e:	Lab	Use O N	nly		
Relinquishe	ed by: (Signa	iture)	Date		Time		Received by: (Signature)	Date		Time			T1 AVG	Tem	p°C_	- 0	12		Ŧ	<u>T3</u>	<u></u>
				ueous, O - Oth				Container	Type:	g - gl	lass, p	- pol	v/plas	tic, as	z - am	ber gl	ass, v -	VOA			
Note: Sampl those sampl	es are discard es received by	led 30 days af y the laborato	fter results an ory with this C	e reported unl OC. The liabil	ess other ar lity of the la	rangeme boratory	nts are made. Hazardous samples will b is limited to the amount paid for on the	e returned to client o report.	or dispo	sed of	at the	client e	expense	. The r	eport f	or the a	analysis c	of the abo	ve samp	les is applicat	le only to
E	Зеі	nvi	rot	ec	h		US Highway 64, Farmington, NM 87401 bur Emergency Response Phone (80	0) 362-1879			Ph (5	05) 63	2-0615	5 FX (5	505) 63	2-186	5		lahadari		ch-inc.com
	-	Ana	lytical L	aborato	ry		and generative mone (00	0,002-10/3											abaumi	n@envirotech	minc.com

Page 10 of 10



Release Notification, Form C-141

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	NAB1914254865
District RP	2RP-5438
Facility ID	
Application ID	pAB1914254142

Release Notification

Responsible Party

Responsible Party	OGRID
EOG Y Resources, Inc.	7377
Contact Name	Contact Telephone
Robert Asher	575-748-4217
Contact email	Incident # (assigned by OCD)
bob_asher@eogresources.com	NAB1914254865
Contact mailing address	
104 S. 4 th Street, Artesia, NM	

Location of Release Source

Latitude 32.85272

Longitude <u>-103.93194</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name: Kirk Federal Com #3H	Site: Type Well
Date Release: Discovered 5/9/2019	API# 30-015-45662

Unit Letter	Section	Township	Range	County
D	12	178	30E	Eddy

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (Brine Water)	Volume Released (bbls) 10	Volume Recovered (bbls) 8

Cause of Release;

Popoff plunger parted on pump. Vacuum truck dispatched to recover remaining brine water.

Form C-141 Page 2 Page 2

State of New Mexico Oil Conservation Division

Incident ID	NAB1914254865
District RP	2RP-5438
Facility ID	
Application ID	pAB1914254142

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \boxtimes The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name:	Rob
	(
Signature:	

Title: Environmental Supervisor

email: bob_asher@eogresources.com

Date: <u>5/20/2019</u>

Telephone: 575-748-4217

OCD Only

<u>OCD Olly</u>	
Received by:	Anglie Sotamente

Date: 5/22/2019



Depth to Ground Water Boring Log



BORING LOG

Project No.: 700438.240.01Weather: Clear, Temp.: 80°FDriller: D. LondaginSite Name: Gissler B #59Logger: D. AdkinsRig Type: Reich DrillLocation: Eddy County, New MexicoField Instrument: NABit Size: 5-7/8"Date: 5/20/2021Latitude: 32.848420 NDrilling Method: Air RotaryBoring Number: B-1Longitude: -103.931751 WSample Retrieval Method: Drill Cuttings

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ff)	NSCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
		0-20'				Red/Brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
		20-30'				Light red/tan fine Sand (SP) and caliche	<u>None</u> Slight Mod. Strong	
		30-105'				Red/brown fine Sand (SP)	<u>None</u> Slight Mod. Strong	
						TD 105'	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
						х	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	

Surface Elevation:

Notes: Groundwater Not Encountered at 105-feet BGS-72 hr.

Logger Initials: DJA

Page _____ of _____

				.				
	T	Γ				Sample Material/Comments	I	
	e e				Composition (%)	Include composition, color, grain size, moisture, hardness,	Hydrocarbon Odor	
ω	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	l o	jiji	plasticity, density	ē.	PID (ppm)
Time	lec ja	(ft m	(ff)	nscs	sč (%		irocarl Odor	d d
		nti)	ec)	l S	du du		<u>2</u> ŏ	Ĩ
			μ. 		l D		<u> </u>	L L
					U U		Í Í I	
	P	'		'			None	
	I /		1				1 1	
				1 1			Slight	
		1	'	'	1		Mod.	1
	╂┦	├ ────'	<u> </u>	 '			Strong	
	!	1	/	'			None	1
	/	'		1 '	1		Slight	1
		'		'			Mod.	1
	 	└──── ′	↓ ′	 '	 '		Strong	L
	!	1 '	/	'	'		None	l
		1	!	'	1		Slight	1
		1 /	!	1 1	1		Mod,	1
	 	[!]	لــــــل	↓ ′	 '		Strong	L
		'		'	1 '		None	1
1		'		/	1		Slight	1
'		1		1 1	1		Mod.	1
	<u> </u>	<u> </u>			<u> </u>		Strong	I
1		[F I	[]	['		None	Ī
'		1 1		1 1	'		Slight	i
		1 1		1 1	1 '		Mod.	I
·		i!	1 1		1 /		Strong	ł
,		1			· · · ·		None	i
'		i 1	1 1		1 1	1	Slight	i
1 '	(L]	1 1	1 1	1	1 /	1	Mod,	i
1	1	i	i j		1 1		Strong	I
,		,I	r r	<u>г</u> т	· · · · · · · · · · · · · · · · · · ·		None	ſ
'		i	í j		í I	1	Slight	I .
'		. 1		1	1 1		Mod.	l I
		.	1	1	1 1		Strong	1
	i 1		i i	t	r+		None	
i !			1	1	1 1		Slight	
, I			i	i	i)		Mod.	
1 1	1		i	i	i		Strong	
1			it		1		None	
, I			i	.	i)	1	Slight	
, I			i	ı	i)		Mod.	
	i	.	i	i	i		Strong	
	r				·		None	
.			i	.	1	1	Slight	
.			i	i	i	1	Mod.	
, J	i		.		, J	l	Strong	
	t		·		/t		None	
			i	.	r	i	1	
			.		, I		Slight	
i	i		.		, J		Mod.	
·	/t		·		·		Strong	
, I			·	.		1	None	
.			·]	. 1		1	Slight	
, I			. 1	.		1	Mod.	
	ł		·	+			Strong	
				. 1	. 1	,	None	
.				.		· · · · · · · · · · · · · · · · · · ·	Slight	
.				1		, · · · · · · · · · · · · · · · · · · ·	Mod.	
	 						Strong	
						, , , , , , , , , , , , , , , , , , , ,	None	
							Slight	
						,	Mod.	
L			L		I		Strong	
Notes:	The bor	ehole was	advanced	1 to 10	J5' below grou	und surface (bgs). A 2-inch diameter temporary well constructed o	of schedu'	le 40
PVC th	iread cou	upled to 10	0-feet of ma	achine	e slotted well :	screen was installed in the open borehole. 72-hours after installa	ation, a Sc	olinest
water le	evel mete	er was util	lized to det	termin	ne the presenc	ce or absence of groundwater. The temporary well casing was su	ıbsequen'	tlv
remove	ed and th	ie bore ho'	le backfille	ed with	1 hole plug (br	entonite chips) and hydrated.		•

Page _____ of _____

•

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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	49321
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	3/3/2022

Page 41 of 41

Action 49321