April 5, 2021 Reference No. 11223616

New Mexico Oil Conservation Division
District 2
811 S. First Street
Artesia, New Mexico 88210

Attn: Ms. Christina Eads

Re: EOG Resources Inc. – Request for Closure
Boykin ACV #1
Incident # NRM2004834379
API # 30-015-25334
Sec 34 T18S, R26E, Eddy County, New Mexico

1. Introduction

GHD Services Inc. (GHD), on behalf of EOG Y Resources, Inc. (EOG), submits herein the results of the execution of the approved June 24, 2020 *Characterization & Remediation Plan* (Plan) for the EOG Boykin ACV #1 Release Site (Site) to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. The NMOCD provided conditional approval of the June 24, 2020 EOG Plan via email on September 4, 2020. Results of the approved closure sampling and liner inspection are provided below. The Site is in Section 34 of Township 18 South, Range 26 East in Eddy County, New Mexico, on private land. The GPS coordinates for the release area are 32.70796 N latitude and 104.37791 W longitude. The sample locations and other Site details are depicted on Figure 1.

2. Background Information

The release was assigned NMOCD Incident Number NRM2004834379 and is described below:

- Incident # NMR2004834379 release was discovered on October 16, 2020 and reported via Form C-141 to the NMOCD. The C-141 stated a transfer pump failure caused 10 barrels (bbl) of produced water to overflow and release liquids. The release was contained inside a lined, bermed tank battery. Approximately 10 bbl of produced water were recovered.

This information is included on Final Form C-141, attached as Appendix A.

3. Groundwater and Site Characterization

Based on information regarding this location (Section 34, T18S-R26E), and as presented in the EOG Plan, documented depth to water information from the United States Geological Survey, National Water

Information System, and from the New Mexico State Engineers Office, provides for an interpreted depth to water of 51 to 100 feet below ground surface. Depth to water information, along with the significant watercourse information, also presented in the Plan, determines the closure criteria presented below:

Closure Criteria

Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Constituent	Limit
Chloride	10,000mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
BTEX = benzene, toluene, ethylbenzene, xylenes
GRO = Gasoline Range Organics
MRO = Motor oil Range Organics
mg/kg = milligrams per kilogram

4. Closure Sampling and Liner Inspection

Prior to Liner Inspection and Closure Sampling activities, conducted on March 5, 2021, EOG provided NMOCD the required 48-hour notice. A copy of that notification is provided as Appendix B. A base 5-point composite sample was collected from the valve box area. The sample was collected in a laboratory-supplied container, placed on ice and transported to Envirotech, Inc. for analyses. The sample was analyzed for full range total petroleum hydrocarbons (TPH) including gasoline, diesel and motor oil-range organics (GRO, DRO, ORO) by EPA Method 8015D; for benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Method 8021B; and for chloride by EPA Method 300.0/9056A. The laboratory results are presented in the following table:

Table 2.1 Closure Sample Results: March 2, 2021

Benzene	Toluene	Ethyl-Benzene	Total Xylenes	BTEX	TPH GRO+DRO	Total TPH	Chloride
<0.025	<0.025	<0.025	<0.025	<0.10	637	1,857	560

EOG removed all pea-gravel from the liner prior to the inspection. The NMOCD as a condition of approval of the aforementioned Plan requested the liner to be inspected and provide a concise report of the inspection with affirmation the liner has and will continue to contain liquids.

Per 19.15.29.11, EOG Y Resources, Inc. has conducted the following actions:

(5) Soil/Waste characteristics.

(a) If the release occurred within a lined containment area, the responsible party must demonstrate liner integrity after affected material is removed and the affected area of the liner is exposed and provide:

(i) certification on form C-141 that the responsible party has visually inspected the liner where the release occurred and the liner remains intact and had the ability to contain the leak in question (Appendix D-Photo Log); and

(ii) at least two business days' notice to the appropriate division district office before conducting the liner inspection (Appendix A).

Full laboratory analytical reports are included as Appendix C. A Photo Log of the liner during inspection is presented as Appendix D.

5. Closure Request for Incident - NRM2004834379

EOG has met the requirements of the NMOCD approved Remediation Plan. This includes collection of final closure sample and demonstration of soil impacts as below the Closure Criteria established for the Site in accordance NMAC 19.15.29. The conditional liner inspection was conducted and the liner was demonstrated to be intact and has ability to contain liquids.

EOG therefore requests No Further Action status and closure of Incident # NRM2004834379. The Final Form C-141 is complete and attached as Appendix A to this report.

If you have any questions or comments concerning this Request for Closure, please do not hesitate to contact our Albuquerque office at (505) 377-3920.

Sincerely,

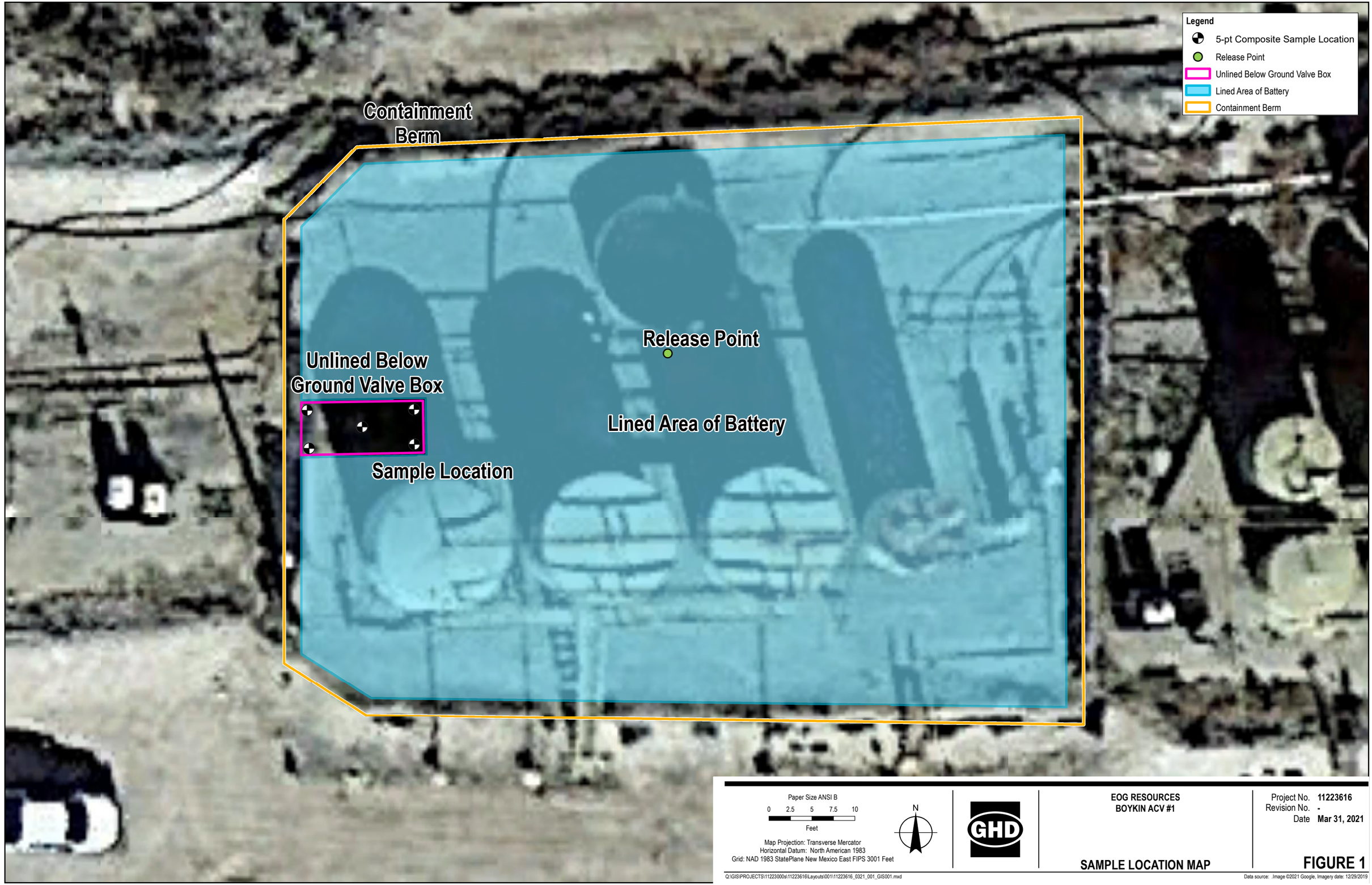
GHD

Jeff Walker
Senior Project Manager

Thomas C. Larson, M.S.
Midland Operations Manager

Encl. Figure 1 – Sample Location Map
Appendix A – Final Form C-141 for Incident # NRM2004834379
Appendix B – NMOCD Closure Sampling/Liner Inspection Notification
Appendix C – Laboratory Analytical Reports and Chain-of-Custody Documentation
Appendix D – Photo Log

Figures



Paper Size ANSI B

0 2.5 5 7.5 10

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

GHD

EOG RESOURCES
BOYKIN ACV #1

SAMPLE LOCATION MAP

Project No. 11223616
Revision No. -
Date Mar 31, 2021

FIGURE 1

Q:\GIS\PROJECTS\11223000s\11223616\Layouts\001\11223616_0321_001_GIS001.mxd

Data source: .Image ©2021 Google, Imagery date: 12/29/2019

Appendices

Appendix A
Final Form C-141 for Incident # NRM2004834379

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # *(assigned by OCD)*
Contact mailing address 104 S. 4th Artesia, NM 88210	

Location of Release Source

Latitude 32.71062 Longitude -104.37528
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Boykin ACV #1	Site Type: Battery
Date Release Discovered: 01/31/2020	API# 30-015-25334

Unit Letter	Section	Township	Range	County
D	34	18S	26E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: Brian & Pamela Wright*)

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) 10	Volume Recovered (bbls) 10
	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 (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
Tank ran over after putting well online from being down awaiting pumping unit motor replacement. Lease operator reports finding water transfer pump panel off preventing pump from coming on. 10 bbls of produced water lost.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☒ 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: Robert Asher Title: Environmental Supervisor

Signature: Date: 2/18/2020

email: bob_asher@eogresources.com Telephone: 575-748-4217

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	51' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Robert Asher Title: Environmental Supervisor

Signature: Date: 6-24-2020

email: bob_asher@eogresources.com Telephone: 575-748-4217

OCD Only

Received by: Date:

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Robert Asher Title: Environmental Supervisor

Signature: Date: 3/30/2021

email: bob_asher@eogresources.com Telephone: 575-748-4217

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: Jennifer Nobui Date: 02/28/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Appendix B
NMOCD Closure Sampling/Liner Inspection Notification

From: Bob Asher
To: robert.hamlet@state.nm.us
Cc: Jeffrey Walker; Katie Jamison
Subject: Boykin ACV #1 Battery (NMR2004834379)
Attachments: image003.png

EOG Resources, Inc. respectfully submits notification of sampling activities to be conducted at the below location. Sampling will begin at 7:00 a.m. on Friday, March 5, 2021.

Boykin ACV #1 Battery
30-015-25334
Section 34, T18S-R26E
Eddy County, New Mexico

Thank you,

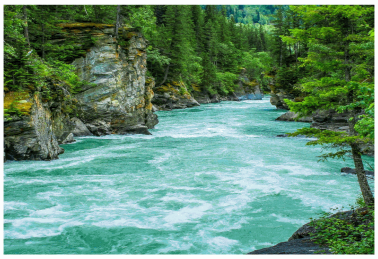
Robert Asher
Environmental Supervisor, S & E Department, EOG Resources, Inc. Artesia Division,104 South Fourth Street, Artesia, NM 88210, 575-748-4217 (Office), 575-365-4021 (Cell)

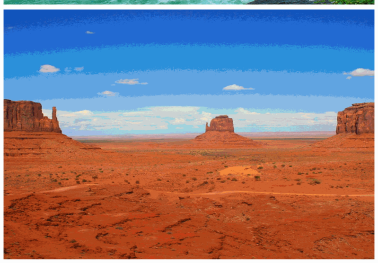
EOG Safety Begins with YOUR Safety

Appendix C
Laboratory Analytical Reports and Chain-of-Custody Documentation

Report to:

Jeff Walker





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name:	EOG Boykin ACV #1
Work Order:	E103029
Job Number:	19034-0001
Received:	3/6/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/12/21

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

Date Reported: 3/12/21

Jeff Walker
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: EOG Boykin ACV #1
Workorder: E103029
Date Received: 3/6/2021 12:45:00PM

Jeff Walker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/6/2021 12:45:00PM, under the Project Name: EOG Boykin ACV #1.

The analytical test results summarized in this report with the Project Name: EOG Boykin ACV #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 reguarding 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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

GHD	Project Name:	EOG Boykin ACV #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	03/12/21 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
B-1	E103029-01A	Soil	03/05/21	03/06/21	Glass Jar, 4 oz.

Sample Data

GHD	Project Name:	EOG Boykin ACV #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	3/12/2021 9:02:02AM

B-1

E103029-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2111002
Benzene	ND	0.0250	1	03/08/21	03/08/21	
Toluene	ND	0.0250	1	03/08/21	03/08/21	
Ethylbenzene	ND	0.0250	1	03/08/21	03/08/21	
p,m-Xylene	ND	0.0500	1	03/08/21	03/08/21	
o-Xylene	ND	0.0250	1	03/08/21	03/08/21	
Total Xylenes	ND	0.0250	1	03/08/21	03/08/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*03/08/21*	*03/08/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2111002
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/08/21	03/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*03/08/21*	*03/08/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2111033
Diesel Range Organics (C10-C28)	**637**	500	20	03/10/21	03/10/21	
Oil Range Organics (C28-C35)	**1220**	1000	20	03/10/21	03/10/21	
Surrogate: n-Nonane		*141 %*	*50-200*	*03/10/21*	*03/10/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2111001
Chloride	**560**	20.0	1	03/08/21	03/08/21	

QC Summary Data

GHD	Project Name:	EOG Boykin ACV #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	3/12/2021 9:02:02AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2111002-BLK1)									Prepared: 03/08/21 Analyzed: 03/08/21
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.1*	*70-130*			
LCS (2111002-BS1)									Prepared: 03/08/21 Analyzed: 03/08/21
Benzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.08*		*8.00*		*101*	*70-130*			
Matrix Spike (2111002-MS1)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Benzene	5.12	0.0250	5.00	ND	102	54-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
o-Xylene	5.18	0.0250	5.00	ND	104	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.1*	*70-130*			
Matrix Spike Dup (2111002-MSD1)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Benzene	5.03	0.0250	5.00	ND	101	54-133	1.78	20	
Toluene	5.13	0.0250	5.00	ND	103	61-130	2.34	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133	2.06	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.17	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	2.09	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	2.14	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.6*	*70-130*			

QC Summary Data

GHD	Project Name:	EOG Boykin ACV #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	3/12/2021 9:02:02AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2111002-BLK1)									Prepared: 03/08/21 Analyzed: 03/08/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.85*		*8.00*		*98.2*	*70-130*			
LCS (2111002-BS2)									Prepared: 03/08/21 Analyzed: 03/08/21
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike (2111002-MS2)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
Matrix Spike Dup (2111002-MSD2)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.7	70-130	2.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

GHD	Project Name:	EOG Boykin ACV #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	3/12/2021 9:02:02AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2111033-BLK1)									Prepared: 03/10/21 Analyzed: 03/10/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*50-200*			
LCS (2111033-BS1)									Prepared: 03/10/21 Analyzed: 03/10/21
Diesel Range Organics (C10-C28)	480	25.0	500		96.0	38-132			
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*50-200*			
Matrix Spike (2111033-MS1)				**Source: E103039-04**					Prepared: 03/10/21 Analyzed: 03/10/21
Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.7	38-132			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*50-200*			
Matrix Spike Dup (2111033-MSD1)				**Source: E103039-04**					Prepared: 03/10/21 Analyzed: 03/10/21
Diesel Range Organics (C10-C28)	480	25.0	500	ND	95.9	38-132	0.236	20	
Surrogate: n-Nonane	*45.3*		*50.0*		*90.6*	*50-200*			

QC Summary Data

GHD	Project Name:	EOG Boykin ACV #1	**Reported:**
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Jeff Walker	3/12/2021 9:02:02AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2111001-BLK1)									Prepared: 03/08/21 Analyzed: 03/08/21
Chloride	ND	20.0							
LCS (2111001-BS1)									Prepared: 03/08/21 Analyzed: 03/08/21
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2111001-MS1)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Chloride	639	100	250	476	65.2	80-120			M5
Matrix Spike Dup (2111001-MSD1)				**Source: E103028-01**					Prepared: 03/08/21 Analyzed: 03/08/21
Chloride	616	100	250	476	56.2	80-120	3.60	20	M5

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

GHD	Project Name:	EOG Boykin ACV #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	**Reported:**
Albuquerque NM, 87110	Project Manager:	Jeff Walker	03/12/21 09:02

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
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: GHD Services, Inc

Project: EOG Boykin ACV #1

Sampler: Zach Comino

Phone: 505-377-4218

Email(s): Zach.Comino@ghdlcom

Project Manager: Jeff Walker jeff.walker@ghdlcom

RUSH? ☐ 1d ☐ 3d

AEC 3/6/21

Page of

Lab Use Only	
Lab WO#	PE103029
Job Number	19034-0001

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO/ORO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0					Lab Number	Correct Cont/Prsrv (s) Y/N
				Analysis and Method									lab Only	
B-1	03052021	0910	S	1-4oz Jar	X	X		X					1	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Zach Comino	03052021	0900		3.5.21	900
	3.5.21	1700		3/6/21	12:45

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

**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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info: Direct bill to EOG Resources Attn: Bob Asher

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 3/6/2021 1:52:54PM

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:	GHD	Date Received:	03/06/21 12:45	Work Order ID:	E103029
Phone:	(505) 366-7420	Date Logged In:	03/06/21 13:50	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	03/12/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Fedex
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	No	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration 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 D
Photo Log

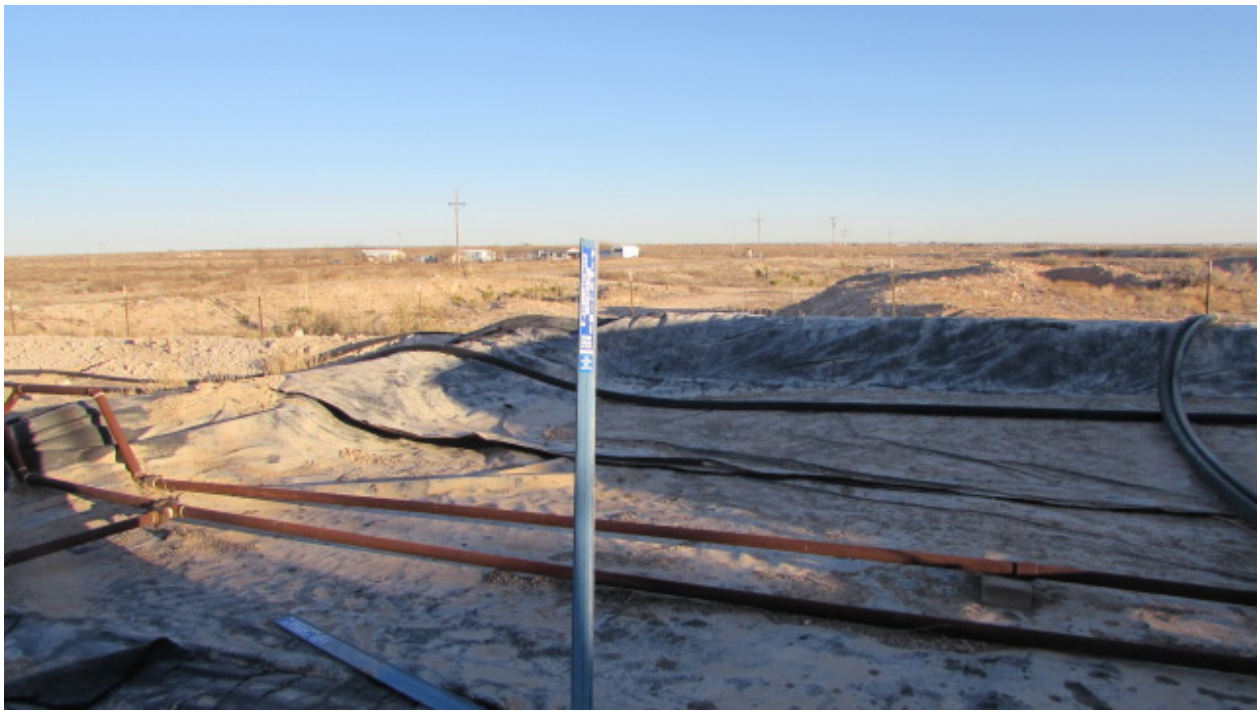


Photo 1 North-northwest view of liner during inspection. Pea gravel removed

Photo 2 - View to east of liner during inspection.

Site Photographs

Photo 3 - View east-northeast of liner during inspection.

Photo 4 - East-southeast view of liner inside bermed tank battery during inspection.

Site Photographs

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 82105

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 82105
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A at site.	2/28/2022