

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

February 28, 2022

NMOCD District II 811 S. First St. Artesia, NM 88210

Re:

Hooper Battery M-21-19S-25E Eddy County, NM Inc# NRM2000240058 Inc# NCS2003542654

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The report is being submitted in response to the denied Closure Report originally submitted on March 5, 2020. The report includes the C-141 Closure for both incidents.

EOG Resources Inc. hereby requests closure.

If you have any questions, feel free to call me at (575) 748-1471.

Respectfully,

Chase Settle

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Rep Safety & Environmental Sr.

EOG Resources, Inc.

Chase Settle



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EOG Resources, Inc.

Hooper Battery

Closure Report

M-21-19S-25E

Eddy County, NM

NRM2000240058

NCS2003542654

February 28, 2022

Hooper Battery Closure Report NRM2000240058 NCS2003542654



February 28, 2022

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Hooper Battery Closure Report NRM2000240058 NCS2003542654



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I. Location

From the intersection of US Hwy 285 and Rocking R Red Road (CR 21), head west for 5.3 miles, then turn south for 1 mile before turning west onto the lease road for a half mile to the location.

II. Background

On November 4, 2019, EOG Resources, Inc. submitted to the NMOCD District II office a Form C-141 for the release of 70 B/PW with 45 B/PW recovered which occurred on October 30, 2019. The release occurred during maintenance activities on a two-inch poly to steel transition coupling. The affected area impacted by the release was contained within the battery berm. A vacuum truck was called to location to recover the standing fluid and a backhoe crew was contracted to excavate visually impacted soils. Initial excavation depths were from eight inches to 4 feet below grade surface (bgs), with soil sampling being conducted on December 11, 2019, after providing notice of sampling to NMOCD on December 9, 2019.

On December 18, 2019, freezing temperatures caused a three-inch ball valve to separate on a load line causing a release of 88 B/O with 33 B/O recovered. The release re-impacted areas previously excavated due to the October 30, 2019 release, and an area around the oil tank that was connected to the load line. EOG submitted the C-141 Initial for this release on January 6, 2020. EOG had the contractor working on the original release area begin excavating visually impacted soils and hauling those soils to an NMOCD approved disposal facility. Those activities took the excavation to a depth of six feet across most of the release area, except for the area around the tank battery that was not impacted by the release on October 30, 2019. Soil sampling was conducted on January 9, 2020, after notification was provided to NMOCD on January 6, 2020. These results indicated further excavation and sampling needed in a couple areas, so on January 20, 2020, these areas were sampled further along with the initial horizontal confirmation sampling. Notification for this sampling event was provided to NMOCD on January 15, 2020. Based on these results, further excavation was conducted in the V10 area as well as increasing the sidewall excavations at the H1, H10, and H11 areas. Further confirmation sampling was conducted on January 28, 2020, with notification of sampling provided to NMOCD on January 23, 2020. During the compilation of sample results, EOG realized 2 horizontal areas and one vertical area still required further excavation to meet the guidelines of NMAC 19.15.29.13. Sampling of these areas was conducted on February 12 and 26, 2020, with notifications provided to NMOCD on February 10 and 24, 2020.

III. Surface and Ground Water

Area geology is Cenozoic Quaternary. Based on information from the United States Geological Survey National Water Information System (USGS) and New Mexico Office of the State Engineer (NMOSE) regarding this location (Section 21, T19S-R25E), depth to groundwater is approximately 127 feet. NMOSE well log information is from the 1950s and 60s when those wells were initially drilled, but USGS has measurement data from 2012 for the well nearest to the location, being to the northwest (0.75 mile) with water located at a depth of 125 feet bgs by the last recorded measurement. Taking that data into consideration along with the NMOSE data of a well drilled on a similar latitude with a depth of 130 feet to groundwater, it is reasonably deduced that the depth to groundwater beneath the site would be approximately 127 feet bgs. Watercourses in the area are dry except for infrequent flows in response to major precipitation

Hooper Battery Closure Report NRM2000240058 NCS2003542654 events, v away. T areas.



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events, with the nearest body of surface water being Brantley Lake at approximately 6.65 miles away. The site is located outside of a 100 year flood plain and outside of any high or critical karst areas.

IV. NMOCD Assessment Criteria

The site assessment criteria is as follows:

Depth to ground water > 100'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

Based on the assessment criteria, the NMOCD established RRALs for this site are:

 Benzene
 10 mg/kg

 BTEX
 50 mg/kg

 TPH
 1,500 mg/kg

 DRO + GRO
 1,000 mg/kg

 Chlorides
 20,000 mg/kg

V. Soils

USDA Natural Resources Conservation Service (NRCS) classifies soil in the area as Reagan loam, with 0-3% slopes.

VI. Work Completed

Initial soil excavation activities for the October release removed eight (8) inches to four (4) feet of impacted soils from the release area and hauled that impacted soil to a NMOCD approved disposal facility. At that time the second release occurred on December 30, 2019, re-impacting that excavated area and a portion of new area around the oil tank. The excavated area was advanced from four (4) feet to six (6) feet in the re-impacted area, and the area around the tank battery was excavated eight (8) inches to two (2) feet around the oil tank. All excavated soils were hauled to an NMOCD approved facility for disposal. Confirmation soil sample analysis was first conducted on December 11, 2019, for the October release, but the only viable sample results after the December release were the V1 and V6 areas that were not re-impacted by that release. Confirmation soil sampling activities for the December release began on January 9, with further confirmation sampling occurring on January 28, February 12, and February 26, 2020. Soil sampling was conducted by way of 5-point composite samples, with no one sample representing greater than 200 square feet. With final confirmation results being under the required thresholds of Table 1 closure requirements and under the requirements of NMAC 19.15.29.13, the site was backfilled with non-waste containing, uncontaminated caliche to grade.

VII. Initial Closure Report Denial

The initial closure reports for the 2 releases were submitted on March 5, 2020, however the Closure Reports were denied by NMOCD on April 13, 2020 (Appendix E). NMOCD denied the Closure Reports for the stated reasoning that a water well existed within a half mile of the site to the east with groundwater less than 50 feet. The record of this well appears on the USGS well system, with an initial depth to water measurement greater than 100 feet in 1946, and a second measurement in 1955 with a depth less than 50 feet.

Hooper Battery Closure Report NRM2000240058 NCS2003542654



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Since denial of the Closure Reports revolved strictly around the depth to groundwater determination, as the only stated cause for denial by NMOCD in the April 13th email, EOG began researching the well referenced for denial. A site visit was planned to locate the well to determine if a new measurement could be attained since the last measurement of the well had been completed 65 years prior to the releases, however this well was unable to be located at the site depicted by USGS data and maps.

NMOCD provided an alternative method to determine groundwater at the site in the denial email, by installing a boring to 105 feet, and determining after a wait period of 72 hours if there was groundwater present within the boring column. EOG contracted Talon LPE (Talon) to install an exploratory boring at the site to a depth of 105 feet, and also tasked Talon LPE with gauging the boring for the presence/depth of groundwater 72 hours after completion. On June 25, 2021, Talon completed the boring with gauging that followed the 72 hours wait period. No groundwater was encountered, and the boring was plugged, the bore log is attached as Appendix F.

Based on the confirmation of depth to groundwater greater than 100 feet, EOG Resources, Inc. requests closure of NRM2000240058 and NCS2003542654, the C-141s for these incidents are included with this Closure Report in Appendix G.



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Table 1Soil Analytical Data

Hooper Battery Closure Report NRM2000240058 NCS2003542654



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Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
NRM2000240058												
V1-4'	4	12/11/19	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	15.5	<10.0	15.5	1170
V2-4' *	4	12/11/19	< 0.050	< 0.050	0.232	0.632	0.864	74.2	3640	889	4603.2	1440
V3-2' *	2	12/11/19	< 0.050	< 0.050	0.162	0.343	0.505	58.0	1720	380	2158	560
V4-4' *	4	12/11/19	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	59.4	<10.0	59.4	1300
V5-4' *	4	12/11/19	< 0.050	< 0.050	0.237	0.323	0.560	<10.0	363	50.8	413.8	1120
V6-4'	4	12/11/19	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	1500
NCS2003542654												
V2-6'	6	01/09/20	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	453	91.2	544.2	352
V3-6'	6	01/09/20	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	876	236	1112	48
V4-6'	6	01/09/20	<0.200	0.271	0.785	4.35	5.41	130	5450	1010	6590	288
V4-6.5'	6.5	01/20/20	<0.050	< 0.050	< 0.050	0.258	<0.300	<10.0	52.2	<10.0	52.2	544
V5-6'	6	01/09/20	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	16.3	15.5	31.8	80
V7-6'	6	01/09/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	188	19.2	207.2	64
V8-6'	6	01/09/20	<0.050	< 0.050	< 0.050	0.258	< 0.300	<10.0	336	22.7	358.7	32
V9-2'	2	01/09/20	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	950	124	1074	384
V9-2.5'	2.5	02/26/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
V10-6"	0.5	01/09/20	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	10.4	1180	321	1511.4	2440
V10-8"	0.66	01/20/20	<0.050	< 0.050	< 0.050	0.239	< 0.300	<10.0	161	45.2	206.2	1380
V10-1'	1	01/28/20	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80
V11-8"	0.66	01/20/20	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	224
H1	0-4	01/20/20	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	992
H1-2	0-4	01/28/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
H2	0-0.66	01/20/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H3	0-6	01/20/20	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
H4	0-6.5	01/20/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
H5	0-6	01/20/20	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	44.5	<10.0	44.5	304
H6	0-6	01/20/20	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
H7	0-6	01/20/20	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	218	103	321	256
H7-2	0-6	02/12/20	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	304
H8	0-6	01/20/20	<0.050	<0.050	< 0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
H9	0-6	01/20/20	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	133	58.7	191.7	32
H9-2	0-6	02/12/20	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
H10	0-4	01/20/20	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	768
H10-2	0-4	01/28/20	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
H11	0-0.66	01/20/20	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	12.7	<10.0	12.7	608
H11-2	0-0.66	01/28/20	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
H12	0-0.66	01/20/20	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0

^{*} denotes areas re-impacted by 12/18/2019 release



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Figure 1 Site Map with Sample Points

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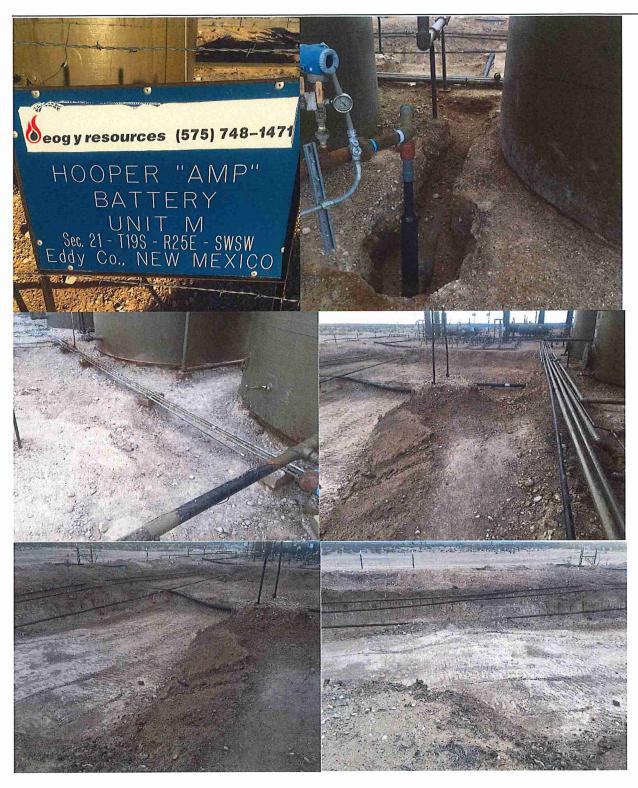
Photos

Hooper Battery Closure Report NRM2000240058 NCS2003542654



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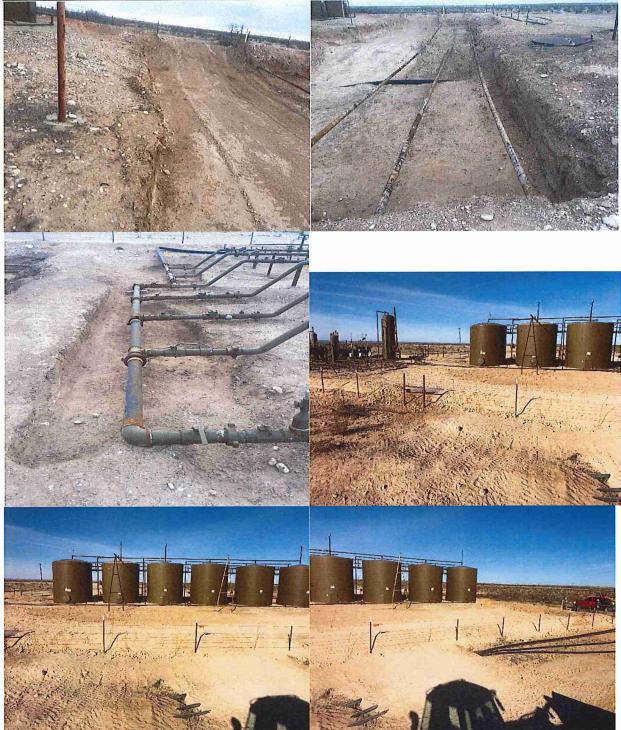
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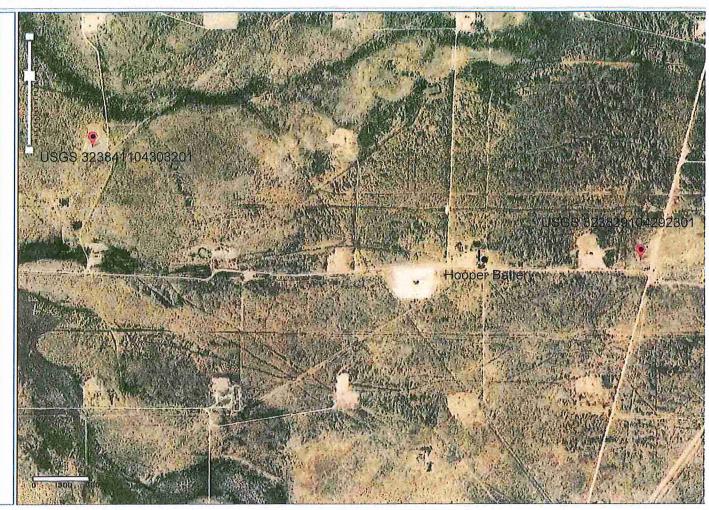


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Appendix A Groundwater Depth Information



National Water Information System: Map View





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Gaographic Areas ▼ | United States Y GO Groundwater

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- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

• 323841104303201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323841104303201 19S.25E.20.341112

Available data for this site Groundwater: Field measurements 🔻 GO

Eddy County, New Mexico

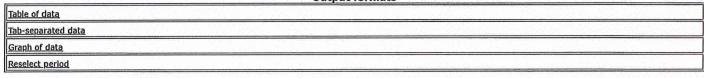
Hydrologic Unit Code 13060011

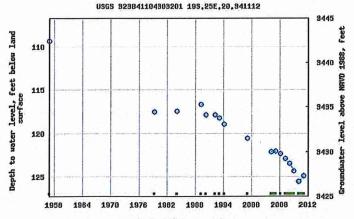
Latitude 32°38'41", Longitude 104°30'32" NAD27 Land-surface elevation 3,552 feet above NAVD88

The depth of the well is 130 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats





- Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwievels?



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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area: Groundwater ▼ United States V GO

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- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

323829104292301

Minimum number of levels = 1

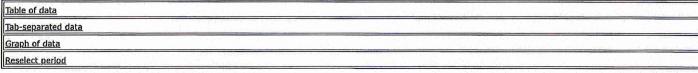
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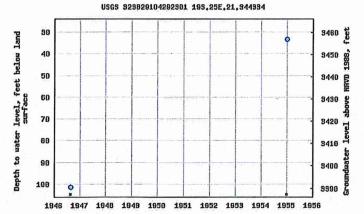
USGS 323829104292301 19S.25E.21.344334

Available data for this site | Groundwater: Field measurements ▼ | GO | Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°38'29", Longitude 104°29'23" NAD27 Land-surface elevation 3,491 feet above NAVD88 The depth of the well is 260 feet below land surface.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats





Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

Questions about sites/data? Feedback on this web site **Automated retrievals** Help **Data Tips Explanation of terms** Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

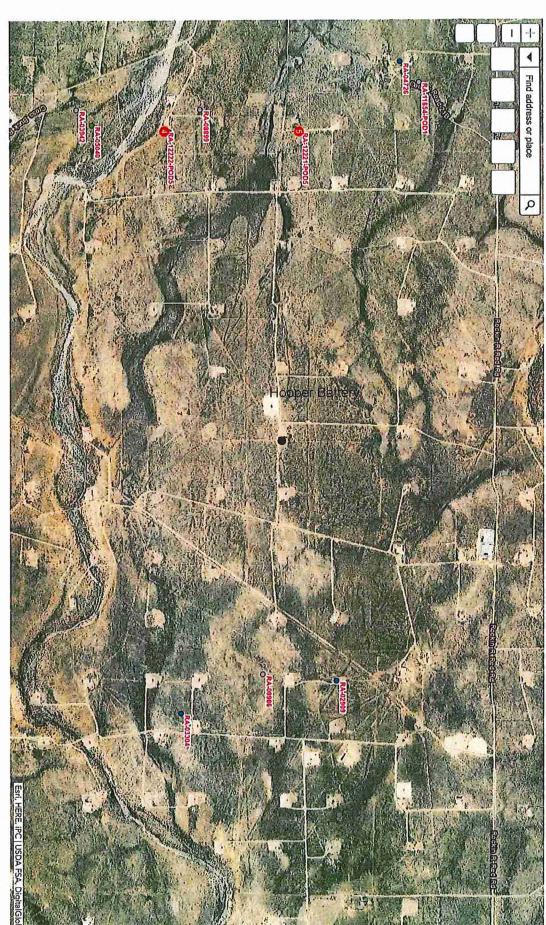
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?



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Water Rights Look Up



New Mexico Office of the State Engineer Point of Diversion Summary

	DD Number	(quarters	are smal	lest to larg	Rng	NAD83 U X 549081	TM In meters) Y 3610973° 🍕	
Driller License: 62 Driller Name: BEATTY, J.R. Drill Start Date: 10/13/1954 Log File Date: 11/22/1954		Driller Company: BEAT			ATTY, J.R			
		Drill Finish Date: 1 PCW Rcv Date: Pipe Discharge Size:)/15/1954	s	lug Date: ource: stimated Yiel	Shallow
Pump Type: Casing Size:	7.00	Depth W		0 feet	D	60 feet		
W	ater Bearing Stratif	ications:	Тор	Bottom	Descrip	tion		
			90	100	Sandsto	ne/Gra	vel/Conglome	erate
			103	118	Sandsto	ne/Gra	vel/Conglome	rate
	Casing Peri	orations:	Тор	Bottom	* 11 1-1	1 12	200	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/2/20 11:43 AM POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)

(NAD83 UTM in meters)

Q64Q16Q4 Sec Tws Rng

X

POD Number RA 02909

1 3 22 19S 25E

548864 3611989'

Driller License:

Well Tag

Driller Name: A.F. SMITH

Drill Start Date: 06/26/1952

Drill Finish Date:

Driller Company:

07/05/1952

Plug Date:

Log File Date: 08/11/1952

PCW Rcv Date: Pipe Discharge Size: Source: **Estimated Yield:**

Pump Type: Casing Size:

Depth Well:

Depth Water:

Shallow

Water Bearing Stratifications:

188 feet **Top Bottom Description**

120

130 Sandstone/Gravel/Conglomerate

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/2/20 11:42 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) Q64Q16Q4 Sec Tws Rng

(NAD83 UTM in meters) X

POD Number Well Tag

RA 04726

3 2 19 19S 25E

544825 3612390'

Driller License: 62

Driller Company:

BEATTY, J.R.

Driller Name:

Drill Start Date: 12/05/1962

Drill Finish Date:

12/20/1962

Plug Date:

Log File Date: 11/08/1962

PCW Rcv Date: Pipe Discharge Size: Source:

Estimated Yield:

Pump Type: Casing Size:

7.00

Depth Well:

Depth Water:

310 feet

Shallow

Water Bearing Stratifications:

Top Bottom Description

390 feet

320

390 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

390 320

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/2/20 11:45 AM

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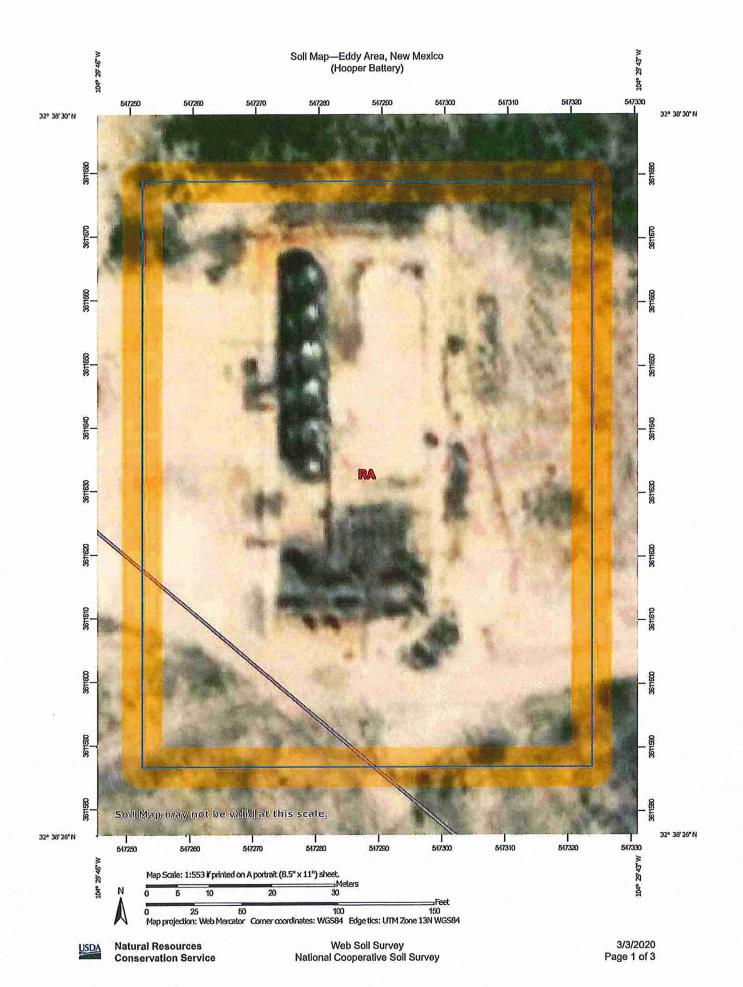
^{*}UTM location was derived from PLSS - see Help



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Appendix BNRCS Soil Classification

Received by OCD: 2/28/2022 3:56:39 PM



Soil Map—Eddy Area, New Mexico (Hooper Battery)

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at

Warning: Soil Map may not be valid at this scale.

contrasting soils that could have been shown at a more detailed misunderstanding of the detail of mapping and accuracy of soil Enlargement of maps beyond the scale of mapping can cause line placement. The maps do not show the small areas of scale.

Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

distance and area. A projection that preserves area, such as the Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Survey Area Data: Version 15, Sep 15, 2019 Soil Survey Area: Eddy Area, New Mexico

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: Nov 30, 2015—Dec 15, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Area of Interest (AOI) Area of Interest (AOI)

Soil Map Unit Polygons

Soils

Very Stony Spot Stony Spot Spoil Area Œ. 8

Wet Spot Other 9

Soil Map Unit Points Soil Map Unit Lines

Special Point Features

Blowout

Special Line Features Nater Features

Streams and Canals **Transportation**

Borrow Pit

Clay Spot

Interstate Highways Rails ‡

Closed Depression

0

US Routes

Major Roads

Gravelly Spot

Gravel Pit

光

Local Roads Background

Marsh or swamp

넴

Lava Flow

Landfill

Mine or Quarry

(4)

Miscellaneous Water

Perennial Water

0

Rock Outcrop

Saline Spot Sandy Spot

Aerial Photography

Severely Eroded Spot

Slide or Slip

Sodic Spot

Map Unit Legend

100,0%		
01		
Percent of AO		

Released to Imaging: 3/28/2022 1:55:35 PM



Released to Imaging: 3/28/2022 1:55:35 PM

Appendix C 100 Year Floodplain Map



Navigation

Search

Languages

MSC Home (/portal/)

MSC Search by Address (/portal/search)

MSC Search All Products (/portal/advanceSearch)

 MSC Products and Tools (/portal/resources/productsandtools)

Hazus (/portal/resources/hazus)

LOMC Batch Files (/portal/resources/lomc)

Product Availability (/portal/productAvailability)

MSC Frequently Asked Questions (FAQs) (/portal/resources/faq)

MSC Email Subscriptions (/portal/subscriptionHome)

Contact MSC Help (/portal/resources/contact)

FEMA Flood Map Service Center: Search By Address

Enter an address, place, or coordinates: 1

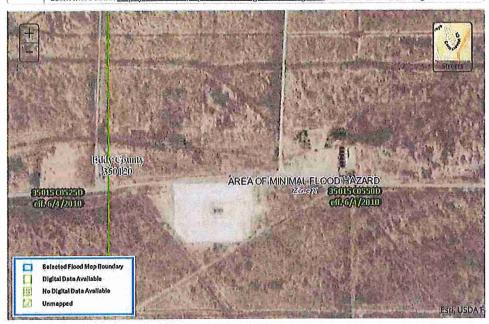
Eddy County New Mexico

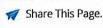
Search

Users may experience download failures on the Flood Map Service Center (MSC) website when working with large files. If you are working with files larger than 100MB, try downloading during non-peak hours.

Whether you are in a high risk zone or not, you may need <u>flood insurance (https://www.fema.gov/national-flood-insurance-program)</u> because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about steps you can take (https://www.fema.gov/what-mitigation) to reduce flood risk damage.





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(https://www.oig.dhs.gov/hotline)

Official website of the Department of Homeland Security



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Appendix DLaboratory Soil Data



December 17, 2019

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/11/19 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredited accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited accredi

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

12/11/2019

Reported:

12/17/2019

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

ation: HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

12/11/2019

Soil

Cool & Intact Celey D. Keene

Sample ID: V1-4' (H904149-01)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	12/12/2019	ND	2.07	103	2.00	1.27	
Toluene*	<0.050	0.050	12/12/2019	ND	2.09	105	2.00	0.239	
Ethylbenzene*	<0.050	0.050	12/12/2019	ND	2.03	101	2.00	0.648	
Total Xylenes*	<0.150	0.150	12/12/2019	ND	5.87	97.9	6.00	0.636	
Total BTEX	<0.300	0.300	12/12/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.5	% 73.3-12	9	- Andrews			ě1	7.87	452
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16,0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2019	ND	164	82.1	200	13.7	
DRO >C10-C28*	15.5	10.0	12/12/2019	ND	174	87.2	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	74.4	% 41-142							
Surrogate: 1-Chlorooctadecane	74.9	% 37.6-14	7						

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*=Accredited Analyte

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Celey D. Keine



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

12/11/2019

Reported: Project Name: 12/17/2019 HOOPER BATTERY

Project Number: Project Location:

NONE GIVEN HOOPER BATTERY Sampling Date:

Sampling Type: Sampling Condition:

Sample Received By:

12/11/2019

Soil Cool & Intact

Celey D. Keene

Sample ID: V2-4' (H904149-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS			مستورث والمستورث		S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	12/13/2019	ND	2.07	103	2.00	1.27	
Toluene*	<0.050	0.050	12/13/2019	ND	2.09	105	2.00	0.239	
Ethylbenzene*	0.232	0.050	12/13/2019	ND	2.03	101	2.00	0.648	
Total Xylenes*	0.632	0.150	12/13/2019	ND	5.87	97.9	6.00	0.636	
Total BTEX	0.864	0.300	12/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	164	% 73.3-12	9			3.40	X	* / / /	
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS				1 2 ,	S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	74.2	10.0	12/12/2019	ND	164	82.1	200	13.7	
DRO >C10-C28*	3640	10.0	12/12/2019	ND	174	87.2	200	17.9	
EXT DRO >C28-C36	889	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	1145	% 41-142					•	***************************************	
Surrogate: 1-Chlorooctadecane	174	% 37.6-14	7						

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*=Accredited Analyte

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Celleg D. Keens





Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 12/11/2019

12/17/2019

Project Name:

HOOPER BATTERY

Project Number: Project Location:

NONE GIVEN HOOPER BATTERY Sampling Date:

12/11/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Celey D. Keene

Sample ID: V3-2' (H904149-03)

BTEX 8021B	mg/l	(g	Analyze	d By: MS	de distriction	orvinalism in the	T. Tespesia		S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2019	ŅD	2.07	103	2.00	1.27	
Toluene*	<0.050	0.050	12/13/2019	ND	2.09	105	2.00	0.239	
Ethylbenzene*	0,162	0.050	12/13/2019	ND	2.03	101	2.00	0.648	
Total Xylenes*	0.343	0,150	12/13/2019	ND	5.87	97.9	6.00	0.636	
Total BTEX	0.505	0.300	12/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	166 %	3 73.3-12	9	w-stants of the same of	-				
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC				3 - 2 2 - 2 2 - 2 2 - 2 2 - 2 2 - 2		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg/l	(g	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	58.0	10.0	12/12/2019	ND	174	86.9	200	12.0	
DRO >C10-C28*	1720	10.0	12/12/2019	ND	176	87.9	200	12.6	QM-07
EXT DRO >C28-C36	380	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	127 %	5 41-142			127 627 111				,
Surrogate: 1-Chlorooctadecane	154%	37.6-14	7						

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*=Accredited Analyte

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Celey D. Keens



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 12/11/2019

12/17/2019

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

12/11/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: V4-4' (H904149-04)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2019	ND	1.95	97.5	2.00	3.09	
Toluene*	<0.050	0.050	12/13/2019	ND	1.91	95.7	2,00	3,77	
Ethylbenzene*	<0.050	0.050	12/13/2019	ND	1.93	96.5	2.00	3.47	
Total Xylenes*	<0.150	0,150	12/13/2019	ND	5.61	93.5	6.00	3.34	
Total BTEX	<0.300	0.300	12/13/2019	ND			1		
Surrogate: 4-Bromofluorobenzene (PIL	98.5	% 73.3-12	9		1 2 7 2				
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS					فمنصب	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2019	ND	174	86.9	200	12.0	
DRO >C10-C28*	59.4	10.0	12/12/2019	ND	176	87.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	119	% 41-142	?	-		- 4			
Surrogate: 1-Chlorooctadecane	129	% 37.6-14	17						

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*=Accredited Analyte

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Celeg Diteen



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 12/11/2019

12/17/2019

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

98.1% 117%

37.6-147

Sampling Date:

Sampling Type:

12/11/2019 Soil

Sampling Condition: Sample Received By: Cool & Intact

Celey D. Keene

Sample ID: V5-4' (H904149-05)

BTEX 8021B	mg/	kg	Analyzed By: MS		-11-4				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2019	ND	1.95	97.5	2.00	3.09	
Toluene*	<0.050	0.050	12/13/2019	ND	1.91	95.7	2.00	3.77	
Ethylbenzene*	0.237	0.050	12/13/2019	ND	1.93	96.5	2.00	3.47	
Total Xylenes*	0.323	0.150	12/13/2019	ND	5.61	93.5	6.00	3.34	
Total BTEX	0.560	0.300	12/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL	110 9	% 73.3-12	9	· · · · · · · · · · · · · · · · · · ·					
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS				4 4 4 4	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2019	ND	174	86.9	200	12.0	
DRO >C10-C28*	363	10.0	12/12/2019	ND	176	87.9	200	12.6	
EXT DRO >C28-C36	50.8	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	98.1	% 41-142							-

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Surrogate: 1-Chlorooctadecane

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Celly Ditrema





Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 12/11/2019

12/17/2019

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

12/11/2019 Soil

Sampling Type: Sampling Condition: Soil Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: V6-4' (H904149-06)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2019	ND	1.95	97.5	2.00	3.09	
Toluene*	<0.050	0.050	12/13/2019	ND	1,91	95.7	2,00	3.77	
Ethylbenzene*	<0.050	0.050	12/13/2019	ND	1.93	96.5	2.00	3.47	8
Total Xylenes*	<0.150	0.150	12/13/2019	ND	5.61	93.5	6.00	3.34	
Total BTEX	<0.300	0.300	12/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIC	100 9	% 73.3-12	9		78		7		1 570 1 570
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC					- 111111 - 14	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	12/12/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2019	ND	174	86.9	200	12.0	
DRO >C10-C28*	<10.0	10.0	12/12/2019	ND	176	87.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	12/12/2019	ND					
Surrogate: 1-Chlorooctane	108	% 41-142	1 ,			- *			
Surrogate: 1-Chlorooctadecane	114	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celleg to Keena



Notes and Definitions

The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. S-04 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch QR-03 accepted based on LCS and/or LCSD recovery and/or RPD values. The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS QM-07 ND Analyte NOT DETECTED at or above the reporting limit Relative Percent Difference RPD Samples not received at proper temperature of 6°C or below. Insufficient time to reach temperature. *** Chloride by SM4500CI-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Clay D. Keena

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		-	-			-	- i -	-	1	-	1				None	ntainers		ie ie				1			5
0		2/	g												Other (Specify)	_ °		100			1.		1		Š
Date		11915	ate						w	s	s	s	s	S	DW=Drinking Water SL=Sludgo GW = Groundwater S=SolVSolid NP=Non-Potablo Specify Other	3		ogresources.com	Report Format:		Pro	_	Project Name:		OF COSTOD I RECORD AND ANALTSIS REGOES:
Time	ı ime	5.0	Ime						×	×	×	×	×	×	TPH: 8015B TPH: TX 1005 TX 1000	00		la.	m on	171	Project Loc:	Project #:	ST.		Š
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Tem	Sam	Cust	abe	San	abo		-	_	_	-	-	+	+	-	Anlons (CI, SO4, Alkalinity)		ا اۃ		×		ı"	ı"	i	2	3
pera	ble t	ody	50	Die C	rato		-		-	-	+	+	-	-	SAR/ESP/CEC		1017F:		St	205-0750				A de	Ì
71 E	unple	seals	8 6	en en	ijζ	100	, da	4.7	-	-	+-	+	+	+	Metals: As Ag Ba Cd Cr Pb H		" "	D	x Standard	50					F
€.	A CE	99		iner	umo				-		-		-	-	Volatilos			Analyze	а		18			1	0
1ºB	Sample Hand Delivered by Sampler/Client Rep by Courier? UPS	cont	Labels on container(s)	Sample Containers Intact?	Laboratory Comments:	10 Table	4/-0	-		1					Somivolatiles	andra in the second sec		ze For:	فينسو		F		Ho		?
Temperature Upon Receipt 4.3	by Sampler/Client Rep. ? by Counier? UPS	Custody seals on container(s) Custody seals on cooler(s)	38	act?	N.				×	×	×	×	×	×	BTEX: 8021B			ă	Ц		Hooper Battery		Hooper Battery		6
44	DHT.	(S)													ROI				TRRP		r Ba		Ba		į
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2	X < C)< ×	C.	4)				-	-	-	-	-	-	OAK	25.			NPDES						
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3	Sta	11					_	-			-	-	-	-	Standard TAT	T			(A)			D	age 9	0 -40	-



January 15, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/09/20 15:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celes D. Frence

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 01/09/2020

01/15/2020

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

01/09/2020

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V 2 - 6' (H000085-01)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2.00	0.873	ŧ
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	98.3	% 73.3-12	9						_
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS	15.0.2				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2020	ND	185	92.5	200	9.10	
DRO >C10-C28*	453	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	91.2	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	96.6	% 41-142					A mile service was		
Surrogate: 1-Chlorooctadecane	116	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celleg Intrema

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To:

(575) 748-4131

Received: Reported: 01/09/2020

01/15/2020

HOOPER BATTERY

Project Number: Project Location:

Project Name:

NONE GIVEN HOOPER BATTERY

Sampling Date:

01/09/2020 Soil

Sampling Type:

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V 3 - 6' (H000085-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS	4.4-	A 15.554			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2,00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2,00	0.624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND			de la		
Surrogate: 4-Bromofluorobenzene (PIE	97.7	% 73,3-12	9			and the state of the second s	2	4	
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC			170 C 24 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS			· ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	01/13/2020	ND	185	92.5	200	9.10	
DRO >C10-C28*	876	50.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	236	50.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	103 9	% 41-142	}				7 1 20 10 10 10	-	
Surrogate: 1-Chlorooctadecane	133 % 37.6-147		7						

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Celeg D. Keens



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received:

01/09/2020

01/15/2020

Reported: Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type: Sampling Condition:

Sample Received By:

01/09/2020

Soil

Cool & Intact Tamara Oldaker

Sample ID: V 4 - 6' (H000085-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS	Acces 1	es a direction a			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	0.271	0.200	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	0.785	0.200	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	4.35	0.600	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	5.41	1.20	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	118	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC	1000	· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS			<u> </u>		S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	130	10.0	01/13/2020	ND	185	92.5	200	9,10	
DRO >C10-C28*	5450	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	1010	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	110	% 41-142	}	Tanan j			- / /		
Surrogate: 1-Chlorooctadecane	246	% 37.6-14	7						

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*=Accredited Analyte

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Clay D. Keen

Celey D. Keene, Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210

Fax To:

(575) 748-4131

Received:

01/09/2020

Sampling Date:

01/09/2020

Reported:

01/15/2020

Sampling Type:

Soil

Project Name:

HOOPER BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

HOOPER BATTERY

Tamara Oldaker

Sample ID: V 5 - 6' (H000085-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS	3 0 5		erte ortikaranak	المحقور الأعطالة	- inches
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	<0.050	0,050	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.9	% 73.3-12	9				,		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC	4 2				1 %
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS	,	-20 -40 -50 -00	A RECEIVED AND ADDRESS.		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2020	ND	185	92.5	200	9.10	
DRO >C10-C28*	16.3	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	15.5	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	93.45	% 41-142	<u> </u>		arish alin				
Surrogate: 1-Chlorooctadecane	100 9	6 37.6-14	7						

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Celeg Dikens





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/09/2020

Sampling Date:

01/09/2020

Reported:

01/15/2020

Sampling Type:

Soil

Project Name:

HOOPER BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

HOOPER BATTERY

Tamara Oldaker

Sample ID: V 7 - 6' (H000085-05)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2,00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2.00	0,624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101	% 73.3-12	73.3-129					7 -	
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC			<u> </u>		بينجنب
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2020	ND	185	92,5	200	9.10	
DRO >C10-C28*	188	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	19.2	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	92,2	% 41-142	?		7. V.				
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	17						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/09/2020

Reported:

Project Name: Project Number: 01/15/2020 HOOPER BATTERY NONE GIVEN

Project Location: HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

01/09/2020

Soil Cool & Intact

Tamara Oldaker

Sample ID: V 8 - 6' (H000085-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	0.258	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0,300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.3	% 73.3-12	9						W = = 1 + 1, = ;
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC	1				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS				7	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2020	ND	185	92.5	200	9.10	
DRO >C10-C28*	336	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	22.7	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	96.6	% 41-142		**************************************					
Surrogate: 1-Chlorooctadecane	115 9	6 37.6-14	7						

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Clay & Keens



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 01/09/2020

01/15/2020

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

01/09/2020

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V 9 - 2' (H000085-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	<0,050	0.050	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2.00	0.873	
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95,8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	99.6	% 73.3-12	9	7 - 1 - 1 - 1	4				
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS	By: MS		C C		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2020	ND	185	92,5	200	9.10	
DRO >C10-C28*	950	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	124	10.0	01/13/2020	ND					
Surrogate: 1-Chlorooctane	90.1	% 41-142							
Surrogate: 1-Chlorooctadecane	124	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keen

Celey D. Keene, Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 01/09/2020

01/15/2020

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

01/09/2020 Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V 10 - 6" (H000085-08)

Toluene* Total Xylenes* Total Xylenes* Total BTEX Total BTEX Turrogale: 4-Bromofluorobenzene (PL Shloride, SM4500Cl-B Analyte Chloride PH 8015M Analyte GRO C6-C10* DRO >C10-C28*	mg/	cg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2020	ND	1.99	99.5	2.00	0.488	
Toluene*	<0.050	0.050	01/13/2020	ND	1.95	97.7	2.00	0.624	
Ethylbenzene*	<0.050	0.050	01/13/2020	ND	1.97	98.5	2,00	0.873	
Total Xylenes*	<0.150	0.150	01/13/2020	ND	5.75	95.8	6.00	0.803	
Total BTEX	<0.300	0.300	01/13/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1069	6 73,3-12	9		=, .	-		7.5	+ **
Chloride, SM4500CI-B	mg/	кg	Analyze	d By: AC	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	01/10/2020	ND	400	100	400	7.69	
TPH 8015M	mg/	(g	Analyze	d By: MS	ايطست				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.4	10.0	01/13/2020	ND	185	92.5	200	9.10	
DRO >C10-C28*	1180	10.0	01/13/2020	ND	189	94.7	200	11.6	
EXT DRO >C28-C36	321		01/13/2020	ND					
Surrogate: 1-Chlorooctane	79.3 9	6 41-142				W=			
Surrogate: 1-Chlorooctadecane	124 %	37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Celly To Kenne



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix Interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Clay D. Keene

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Page 11 of 11

DINAL LABORATORIES East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

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Temperature Upon Receipt	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Custody seals on cooler(s)	Labels on container(s) Custody seals on container(s)	VOCs Free of Headspace?	Laboratory Comments: Sample Containers Intact?	_							- 1			Anions (CI, SO4, Alkalinity)		TOTAL:	TCLP:			× Standard	PO # 205-0750			
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January 23, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/20/20 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.qov/field/qa/lab accredited analytes are denoted by www.tceq.texas.qov/field/qa/lab accredited analytes are denot

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Received by OCD: 2/28/2022 3:56:39 PM

Celey D. Keene

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Sampling Date:

01/20/2020

Reported:

01/23/2020

Sampling Type:

Soil

Project Name:

HOOPER BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

HOOPER BATTERY

Tamara Oldaker

Sample ID: V 4 - 6.5' (H000195-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.88	94.2	2.00	3.12	
Toluene*	<0.050	0.050	01/21/2020	ND	1.95	97.4	2.00	2.86	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.94	96.9	2.00	2.76	
Total Xylenes*	0.258	0.150	01/21/2020	ND	5.76	96.0	6.00	2.53	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	lkg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	01/23/2020	ND	400	100	400	3,92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					L. C. Williams
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	52.2	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/21/2020	ND					
Surrogate: 1-Chlorooctane	99.6	% 41-142							
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

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Celeg D. Keens



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported:

01/23/2020

Project Name: Project Number: HOOPER BATTERY
NONE GIVEN

Project Location:

NONE GIVEN HOOPER BATTERY Sampling Date:

01/20/2020

Sampling Type:

ampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: V 10 - 8" (H000195-02)

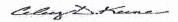
BTEX 8021B	mg/	kg	Analyze	d By: MS	يتوال بي	Service Control			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.88	94.2	2.00	3.12	
Toluene*	<0.050	0.050	01/21/2020	ND	1.95	97.4	2.00	2.86	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.94	96.9	2.00	2.76	
Total Xylenes*	0.239	0,150	01/21/2020	ND	5.76	96.0	6.00	2,53	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	91.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					المراجع
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	01/23/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS	an and shales				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	161	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	45.2	10.0	01/21/2020	ND					
Surrogate; 1-Chlorooctane	90.4	% 41-142	?						
Surrogate: 1-Chlorooctadecane	1049	% 37.6-14	7						

Cardinal Laboratories

Received by OCD: 2/28/2022 3:56:39 PM

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 01/20/2020

01/23/2020

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

Project Name:

HOOPER BATTERY

102 %

37.6-147

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 01/20/2020 Soil

Cool & Intact

Tamara Oldaker

Sample ID: V 11 - 8" (H000195-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2,00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2,00	0.236	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0,150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND				- makes 15-3X	
Surrogate: 4-Bromofluorobenzene (PIE	95,2	% 73.3-12	9			-	-	-	
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC		Latinary (S. 1944)			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/23/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/21/2020	ND					
Surrogate: 1-Chlorooctane	96.3	% 41-142							

Cardinal Laboratories

Received by OCD: 2/28/2022 3:56:39 PM

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celeg D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples not received at proper temperature of 6°C or below.

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celleg & Keine

Relinquished by:

Date

Time

Received by ELOT:

129-20

8.17

1-20-2

12:00

VOCs Free of Headspace?
Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)
Custody seals on cooler(s)
Sample Hand Delivered
by Sampler/Client Rep. ?
by Courier? UPS DHI

Fed 03 < 0000

Laboratory Comments: Sample Containers Intact?

Date

Time

Temperature Upon Receipt: #113

1.900

Date

Time

Special Instructions:

ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

2

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

9	
393-2326	
FAX	
(505)	
393-2476	

City/State/Zip: Artesia, NM 88210	Company Address: 104 South 4th Street	Company Name EOG Y Resources Inc.	Project Manager: Chase Settle
		ic.	-
PO	Project Loc:	Project#	Project Name:
PO	Hooper Battery	**	e: Hooper Battery

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Preservation & # of Containers

(lab use only)

Sampler Signature: Telephone No:

ORDER非

000195

LAB # (lab use only)

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Total #. of Containers

Field Fillered

HNO₃ HCI H₂SO₄

NaOH Na₂S₂O₃ None

Olher (Specify)

DW=Drinking Water SL=Sludge GW = Groundwater &=SolVSolid

NPaNon-Potable Specify Other

TX 1006

TOTAL

8015B TPH:

TX 1005

Callons (Ca, Mg, Na, K)

SAR/ESP/CEC

Anions (CI, SO4, Alkalinity)

Metals: As Ag Ba Cd Cr Pb Hg Se

RUSH TAT (Pro-Schadulo) 24, 40, 72 hrs

TPH:

Volatiles Semivolaliles BTEX: 8021B

Chlorides

Standard TAT

SAR

HELD CODE

<u>₩</u> 111-8" V10-8" V4-6.5

1/20/2020 1/20/2020 1/20/2020

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8:20 AM

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January 23, 2020

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/20/20 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received:

01/20/2020

Reported:

01/23/2020

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 01/20/2020

Cool & Intact Tamara Oldaker

Sample ID: H 1 (H000196-01)

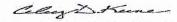
BTEX 8021B	mg/	kg	Analyze	d By: MS				4.	11. 2
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND.	1,92	96.1	2.00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2.00	0.236	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	89.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS	المتعاددات				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10,0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/21/2020	ND					
Surrogate: 1-Chlorooctane	97.8 9	% 41-142				794 4 SAV W	ereiji avalovna		
Surrogate: 1-Chlorooctadecane	109 9	6 37.6-14	7						

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received:

01/20/2020

Sampling Date:

01/20/2020

Reported:

01/23/2020

Sampling Type:

Soil

Project Name:

HOOPER BATTERY

Cool & Intact

Sampling Condition:

Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Project Location:

HOOPER BATTERY

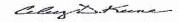
Sample ID: H 2 (H000196-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS			S. W. S. B. C.		1 1 1 1 1 1 1 1 1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0,050	0.050	01/21/2020	ND	1.92	96.1	2.00	0.934	
Toluene*	<0,050	0.050	01/21/2020	ND	2,01	101	2.00	0.236	
Ethylbenzene*	<0,050	0.050	01/21/2020	ND	1.97	98.4	2.00	0,0633	
Total Xylenes*	<0,150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND		And the state of			V.
Surrogate: 4-Bromofluorobenzene (PIE	93.0	% 73.3-12	9	_					
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/21/2020	ND					3-14-14- E
Surrogate: 1-Chlorooctane	99.2	% 41-142	2				norge ja Dengerate		
Surrogate: 1-Chlorooctadecane	102	% 37.6-14	17						

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 01/20/2020

01/23/2020

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

01/20/2020

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 3 (H000196-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2,00	0,934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2.00	0.236	
Ethylbenzene*	<0.050	0,050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0,150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	96.3	% 73,3-12	9	123				9 - X 1 + 1	, ,
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC			<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10,0	01/21/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/21/2020	ND					
Surrogate: 1-Chlorooctane	89.4	% 41-142	?						
Surrogate: 1-Chlorooctadecane	94.6	% 37.6-14	7						

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Celeg D. Keens



Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported:

01/23/2020 HOOPER BATTERY

Project Name: Project Number:

NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil

Cool & Intact

01/20/2020

Tamara Oldaker

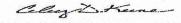
Sample ID: H 4 (H000196-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2.00	0,934	
Toluene*	<0.050	0,050	01/21/2020	ND .	2.01	101	2.00	0.236	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	92.9 9	6 73.3-12	9			·			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/21/2020	ND	213	106	200	1.51	
EXT DRO > C28-C36	<10.0	10,0	01/21/2020	ND					
Surrogate: 1-Chlorooctane	93.3 9	6 41-142							
Surrogate: 1-Chlorooctadecane	97.19	6 37,6-14	7						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported: Project Name: 01/23/2020 HOOPER BATTERY

Project Number:

NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

01/20/2020

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: H 5 (H000196-05)

BTEX 8021B	mg/	kg	Analyze	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0,050	0.050	01/21/2020	ND	1,92	96.1	2.00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2.00	0.236	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC	1				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	44.5	10.0	01/22/2020	ND	213	106	200	1,51	
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND		Company to the company	1	1 200	
Surrogate: 1-Chlorooctane	86.0	% 41-14	2						
Surrogate: 1-Chlorooctadecane	93.1	% 37.6-1	47						

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received:

01/20/2020

01/23/2020

Reported: Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

01/20/2020

Soil Cool & Intact

Tamara Oldaker

Sample ID: H 6 (H000196-06)

BTEX 8021B	mg/l	(ġ	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2.00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2,00	0.236	
Ethylbenzene*	<0,050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0,300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.5 %	6 73.3-12	9	,		×			
Chloride, SM4500CI-B	mg/l	(g	Analyze	d By: AC			4 444/5 1 455	<u> </u>	<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/l	(g	Analyze	d By: MS			V	<u> </u>	4-6-6-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/22/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND					
Surrogate: 1-Chlorooctane	82.2 %	6 41-142	-			-			70/2-7 (- 1-1). 7 -
Surrogate: 1-Chlorooctadecane	85.79	6 37.6-14	7						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported:

01/23/2020

Project Name:

HOOPER BATTERY

Project Number: Project Location:

NONE GIVEN HOOPER BATTERY Sampling Date:

01/20/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 7 (H000196-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS			والتوحث والمراد		(i) to the contract of
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2.00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2.00	0.236	
Ethylbenzene*	<0.050	0.050	01/21/2020	ND	1.97	98.4	2.00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND		Talandi va garan i			
Surrogate: 4-Bromofluorobenzene (PIE	91.6	% 73.3-12	19						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC				,	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	218	10.0	01/22/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	103	10.0	01/22/2020	ND				n = 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Surrogate: 1-Chlorooctane	101	% 41-14	2						
Surrogate: 1-Chlorooctadecane	128	% 37.6-1-	17						
Surrogate: 1-Chlorooctadecane	128	% 37.6-1-	17						

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Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210

Fax To:

(575) 748-4131

Received: Reported: 01/20/2020

01/23/2020

Project Number: Project Location:

Project Name:

HOOPER BATTERY

NONE GIVEN HOOPER BATTERY Sampling Date:

01/20/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 8 (H000196-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS		440-45			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/21/2020	ND	1.92	96.1	2.00	0.934	
Toluene*	<0.050	0.050	01/21/2020	ND	2.01	101	2.00	0.236	
Ethylbenzene*	<0,050	0.050	01/21/2020	ND	1.97	98.4	2,00	0.0633	
Total Xylenes*	<0.150	0.150	01/21/2020	ND	5.82	96.9	6.00	0.00936	
Total BTEX	<0.300	0.300	01/21/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	96.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC		owner day			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS	2 4 2				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/22/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND					
Surrogate; 1-Chlorooctane	96.2	% 41-142							1 3
Surrogate: 1-Chlorooctadecane	100 9	% 37.6-14	7						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 01/20/2020

01/23/2020

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

mpling Type:

Sampling Condition: Sample Received By: 01/20/2020

Soil

Cool & Intact

Tamara Oldaker

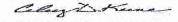
Sample ID: H 9 (H000196-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0,050	0.050	01/22/2020	ND	1.95	97.3	2.00	5,89	
Toluene*	<0.050	0.050	01/22/2020	ND	1.94	97.0	2,00	6.20	
Ethylbenzene*	<0.050	0.050	01/22/2020	ND	1.96	98.2	2,00	6.41	
Total Xylenes*	<0.150	0.150	01/22/2020	ND	5.73	95.4	6.00	6.75	
Total BTEX	<0.300	0.300	01/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					11.
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	133	10.0	01/22/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	58.7	10.0	01/22/2020	ND					
Surrogate: 1-Chlorooctane	102 %	% 41-142		en markenja i je vi s					1,12,1
Surrogate: 1-Chlorooctadecane	1149	6 37.6-14	7						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported: Project Name: 01/23/2020 HOOPER BATTERY

Project Number:

NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 01/20/2020

Soil

Cool & Intact Tamara Oldaker

Sample ID: H 10 (H000196-10)

BTEX 8021B	mg/	kg .	Analyze	d By: MS				4	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2020	ND	1.95	97.3	2.00	5.89	
Toluene*	<0.050	0.050	01/22/2020	ND	1.94	97.0	2.00	6,20	
Ethylbenzene*	<0.050	0.050	01/22/2020	ND	1.96	98.2	2.00	6.41	
Total Xylenes*	<0.150	0.150	01/22/2020	ND	5.73	95,4	6.00	6.75	
Total BTEX	<0.300	0.300	01/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	01/23/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS			L. Carter Live		- ناپرياس
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	204	102	200	0.615	
DRO >C10-C28*	<10.0	10.0	01/22/2020	ND	213	106	200	1.51	
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND					
Surrogate: 1-Chlorooctane	94.8	% 41-142	?						1
Surrogate: 1-Chlorooctadecane	99.2	% 37.6-14	17						

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Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported:

01/23/2020

Project Name: Project Number: HOOPER BATTERY NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 01/20/2020 Soil

Cool & Intact

Tamara Oldaker

Sample ID: H 11 (H000196-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					ستنضيض
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	01/22/2020	ND	1.95	97,3	2.00	5.89	
Toluene*	<0.050	0.050	01/22/2020	ND	1.94	97.0	2.00	6.20	
Ethylbenzene*	<0.050	0.050	01/22/2020	ND	1.96	98.2	2.00	6.41	
Total Xylenes*	<0.150	0,150	01/22/2020	ND	5.73	95.4	6.00	6.75	
Total BTEX	<0.300	0,300	01/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.9	% 73.3-12	9				1		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/23/2020	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
GRO C6-C10*	<10.0	10,0	01/22/2020	ND	206	103	200	1.03	
DRO >C10-C28*	12.7	10.0	01/22/2020	ND	218	109	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND					
Surrogate: 1-Chlorooctane	1069	6 41-142		11 - 24 - 12 - 12 - 12 - 12 - 12 - 12 -					
Surrogate: 1-Chlorooctadecane	110 %	37.6-14	7						

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Received by OCD: 2/28/2022 3:56:39 PM

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Celeg D. Keena



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/20/2020

Reported:

01/23/2020

Project Name:

HOOPER BATTERY

Project Number: Project Location:

NONE GIVEN HOOPER BATTERY Sampling Date:

01/20/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 12 (H000196-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS	- Living					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/22/2020	ND	1.95	97.3	2.00	5.89		
Toluene*	<0.050	0.050	01/22/2020	ND	1.94	97.0	2.00	6.20		
Ethylbenzene*	<0.050	0,050	01/22/2020	ND	1.96	98.2	2,00	6.41		
Total Xylenes*	<0.150	0.150	01/22/2020	ND	5.73	95.4	6.00	6.75		
Total BTEX	<0,300	0,300	01/22/2020	ND						
Surrogate: 4-Bromofluorobenzene (PIL	98.1	% 73.3-12	9							
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC				W. John		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/23/2020	ND	416	104	400	3.92		
TPH 8015M	mg/	/kg	Analyze	d By: MS	. January					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2020	ND	206	103	200	1.03		
DRO >C10-C28*	<10.0	10.0	01/22/2020	ND	218	109	200	1.06		
EXT DRO >C28-C36	<10.0	10.0	01/22/2020	ND						
Surrogate: 1-Chlorooctane	90.4	% 41-141	?	- 4************************************						
Surrogate: 1-Chlorooctadecane	93.4	% 37.6-14	17							

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Celley D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Received by OCD: 2/28/2022 3:56:39 PM

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Celeg X Kenne



ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

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Date

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Received by ELOT:

Date

Temperature Upon Receipt #//3

1.90 Lone Star 12:00

Labels on container(s)
Custody seals on contener(s)
6 Custody seals on cooler(s)
Sample Hand Delivered
by Sampler/Client Rep.?
by Counier? UPS DHL

ZZZZZZ

Sample Containers Intact?

VOCs Free of Headspace? Laboratory Comments:

1-20-20

00.2 Time

Date

Special Instructions:



ARDINAL LABORATORIES

Project Manager: Chase Settle Project Name: Hooper	. 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476
	Project

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Sampler Signature City/State/Zip: Company Address: 104 South 4th Street Telephone No: Artesia, NM 88210 Fax No: e-mail: Chase Settle@eogresources.com Report Format: Project Loc: PO # 205-0750 x Standard TRRP NPDES

(lab use only)

ORDER #

.AB # (lab use only)

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Total #. of Containers

leld Fillerod

Ice

7 H12 H11

1/20/2020 1/20/2020

×

8:56 AM 8:59 AM

FIELD CODE

	Array No.	HNO ₃	125		
		HCI	reservation & # of Containers		
y		H₂SO4	on &		
		NaOH	바요	l	
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		None	ainer	l	
		Other (Specify)	15	L	
	s	DW=Drinking Water 6L=Sludgo GW = Groundwater S=SolVSolid NP=Non-Potoble Specify Other	Matrix		
	×	TPH: 8015B			İ
		TPH: TX 1005 TX 1008			ı
		Callons (Ca, Mg, Na, K)	WEST.		ı
10		Anions (CI, SO4, Alkalinity)	Ų.	겅	ı
1	27.27	SAR/ESP/CEC		OTAL	
		Melals: As Ag Ba Cd Cr Pb Hg	Se	2.0	Ì
		Volatiles			ľ
	F 4	Semiyolaliles	31	7	ľ
	×	BTEX: 80218	18.01		ľ

RUSH TAT (Pre-Behedule) 24, 40, 72 hrs

Standard TAT

			1.							Other (Specify)	L		
	-21							s	S	DW-Drinking Water 6L=Sludgo GW = Groundwater S=Soll/Solid NP=Non-Poloble Specify Other			
100	dy y		Train					><	×	TPH: 8015B		1	Γ
	200		747		1 - 7					TPH: TX 1005 TX 1006	1		ı
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1,00									1335	SAR	7 **	. A	



February 04, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/29/20 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes are denoted by a second certification and the second certification accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list o

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/29/2020

Reported:

02/04/2020

Project Name:

HOOPER BATTERY NONE GIVEN

Project Number: Project Location:

HOOPER BATTERY

Sampling Date:

01/28/2020

Sampling Type:

Soll

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: V 10 - 1' (H000280-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2020	ND	1,99	99.4	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2020	ND	2.03	101	2.00	9.92	
Ethylbenzene*	<0.050	0.050	01/30/2020	ND.	1.96	98.1	2.00	9.78	
Total Xylenes*	<0.150	0.150	01/30/2020	ND	5.89	98.2	6.00	9.82	
Total BTEX	<0.300	0.300	01/30/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	99.7	% 73.3-12	9			-			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/31/2020 ND		416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2020	ND	201	101	200	0.206	
DRO >C10-C28*	<10.0	10.0	01/30/2020	ND	217	108	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	01/30/2020	ND					
Surrogate: 1-Chlorooctane	68.8	% 41-142	(
Surrogate: 1-Chlorooctadecane	70.2	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whitsoever shall be deemed wahred unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without Emittation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, attiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report thall not be reproduced except in full with unitten approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below,

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Libitay and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or toxt, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after conspection of the applicable service. In no event shall Cardinal be juble for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subdistates, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with variety approval of Cardinal Laboratories.

Cleg & Kenne

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 2/28/2022 3:56:39 PM

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Page 4 of 4

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,	ned by:	едру:—	A XX	/ 治數		Special Instructions:								V10-1'	FIELD CODE	OR P. COOCH :=	176	, ,	Sampler Signature:	Telephone No: 575-7	City/State/Zip: Artesi	Company Address: 104 South 4th Street	Company Name EOG	Project Manager: Chase	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
	Date	Date	1-29-20	Date		TPH EXTENDED needed.									Ж		And 10 S. F. 12			575-748-1471	Artesia, NM 88210	outh 4th Street	EOG Y Resources Inc.	Chase Settle	TORIES bbs, NM 88240
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UPS</td><td>red</td><td>Custody seals on container(s) Custody seals on container(s)</td><td>Labels on container(s)</td><td>Voca Emple containers intact?</td><td>Laboratory Comments:</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Semivolaliles</td><td>200</td><td>+</td><td>Analyze For.</td><td></td><td></td><td></td><td>Hoc</td><td>-</td><td>Hoc</td><td></td></tr><tr><td>1pt</td><td>5.3</td><td>3</td><td>e) er(s</td><td>i.</td><td>5</td><td>5</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>BTEX: 8021B</td><td></td><td>Ш</td><td></td><td></td><td>닠.</td><td></td><td>Hooper Battery</td><td>* , .</td><td>Hooper Battery</td><td></td></tr><tr><td>Cas</td><td>물</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td>N.O.R.M.</td><td></td><td></td><td></td><td></td><td>TRRP</td><td></td><td>Bat</td><td>ž.</td><td>Bat</td><td>-</td></tr><tr><td>8.0</td><td>Ti,</td><td></td><td></td><td></td><td></td><td>State State State</td><td></td><td></td><td>77</td><td></td><td></td><td></td><td></td><td></td><td>Chlorides</td><td></td><td></td><td></td><td></td><td></td><td></td><td>tery</td><td></td><td>tery</td><td></td></tr><tr><td></td><td>E C</td><td>B-</td><td><B</td><td>36</td><td>36</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>SAR</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>1500</td><td></td><td></td><td></td><td></td><td>The same of the sa</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>NPDES</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ဂံ</td><td>N Lone Star</td><td>Z</td><td>ZZ</td><td>ZZ</td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>RUSH TAT (Pre-Schodule) 24, 40</td><td>10,72</td><td>hre</td><td></td><td></td><td>Ж</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>=</td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td><td></td><td></td><td>100000</td><td>7-38</td><td>7.2</td><td>×</td><td>Standard TAT</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td></tr></tbody></table>									



February 04, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/29/20 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited are certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

01/29/2020

Reported:

02/04/2020 HOOPER BATTERY

Project Name: Project Number:

NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

npling Date:

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

01/28/2020

Tamara Oldaker

Sample ID: H 1- 2 (H000281-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2020	ND	1.99	99.4	2.00	10.2	
Toluene*	<0.050	0.050	01/31/2020	ND	2.03	101	2.00	9.92	
Ethylbenzene*	<0.050	0.050	01/31/2020	ND	1.96	98.1	2.00	9.78	
Total Xylenes*	<0.150	0.150	01/31/2020	ND	5.89	98.2	6.00	9.82	
Total BTEX	<0.300	0.300	01/31/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.0	% 73.3-12	9			Otto della di			7 THE TOTAL STREET
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/31/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS	-1				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2020	ND	201	101	200	0.206	
DRO >C10-C28*	<10.0	10.0	01/30/2020	ND	217	108	200	6.76	
EXT DRO >C28-C36	<10.0	10.0	01/30/2020	ND					
Surrogate: 1-Chlorooctane	70.2 9	% 41-142			re Petrock	The state of the s			
Surrogate: 1-Chlorooctadecane	75.0 9	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Libility and Damages, Cardinal's Bability and cleant's exclusive remedy for any claim arising, whether based in contract or text, shall be limited to the amount paid by cleant for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affisables or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celegit Keene





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received: Reported: 01/29/2020

02/04/2020

Project Name: Project Number: HOOPER BATTERY

Project Location:

NONE GIVEN

HOOPER BATTERY

Sampling Date:

01/28/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: H 10- 2 (H000281-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2020	ND	1.99	99.4	2,00	10.2	
Toluene*	<0.050	0.050	01/31/2020	ND	2.03	101	2.00	9.92	
Ethylbenzene*	<0.050	0.050	01/31/2020	ND	1.96	98.1	2.00	9.78	
Total Xylenes*	<0.150	0.150	01/31/2020	ND	5.89	98.2	6.00	9.82	
Total BTEX	<0,300	0.300	01/31/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIE	98.3	% 73.3-12	9	-					
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/31/2020	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS	- Automorphi	es a facility and			1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2020	ND	201	101	200	0.206	
DRO >C10-C28*	<10.0	0.0 10.0 0	01/30/2020	ND	217	108	200	6.76	
EXT DRO >C28-C36	<10.0		01/30/2020	ND					
Surrogate: 1-Chlorooctane	65.7	% 41-142	?			- Chicago			
Surrogate: 1-Chlorooctadecane	68.3	% 37.6-14	17						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liabley and Damages. Cardnal's Babiley and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardnal within thirty (30) days after completion of the applicable service. In no event, shall Cardnal be Bable for incidental or consequential damages, lockdoing, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, alliables or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or echerotice, Results relate only to the samples identified above. This report shall not be reproduced except in full with vuitten approval of Cardinal Laboratories.

Celegit Keene





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131 Fax To:

Received: Reported: 01/29/2020

02/04/2020 HOOPER BATTERY

Project Name: Project Number:

NONE GIVEN

Project Location:

HOOPER BATTERY

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By:

01/28/2020

Soil

Cool & Intact Tamara Oldaker

Sample ID: H 11 - 2 (H000281-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2020	ND	1.99	99.4	2.00	10.2	
Toluene*	<0.050	0.050	01/31/2020	ND	2.03	101	2,00	9.92	
Ethylbenzene*	<0.050	0.050	01/31/2020	ND	1.96	98.1	2.00	9.78	
Total Xylenes*	<0.150	0.150	01/31/2020	ND	5.89	98.2	6.00	9.82	
Total BTEX	<0.300	0.300	01/31/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 73.3-12	9		7				
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM				-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/31/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS	عالو شوائد.				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2020	ND	201	101	200	0.206	
DRO >C10-C28*	<10.0	10.0	01/30/2020	ND	217	108	200	6.76	
EXT DRO >C28-C36	<10.0		01/30/2020	ND					
Surrogate: 1-Chlorooctane	72.6	% 41-142	}						
Surrogate: 1-Chlorooctadecane	75.6	% 37.6-14	7						

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*=Accredited Analyte

PLEASE NOTE: Liabity and Damages. Cardinal's Babitry and client's endusive reimedy for any claim artising, whether based in contract or text, shall be limited to the amount paid by client for analysiss. All claims, including those for negligence and any other causes whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Bable for incidental or consequential chamages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Cardinal, segardless, affiliables or successors artising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or clientwise. Results related only to the samples identified above. This report shall not be reproduced except in full with waitten approval of Cardinal Laboratories.

Celleg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

Received by OCD: 2/28/2022 3:56:39 PM

*=Accredited Analyte

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Cellen D. Keens-

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Page 6 of 6

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February 14, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/13/20 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

02/13/2020

02/13/2020

Reported: Project Name:

HOOPER BATTERY

Project Number: Project Location: NONE GIVEN HOOPER BATTERY Sampling Date:

02/12/2020

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: H 7 - 2 (H000450-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2020	ND	1.73	86.6	2.00	7.88	•
Toluene*	<0.050	0.050	02/14/2020	ND	1.79	89.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	02/14/2020	ND	1.81	90.3	2.00	8.68	
Total Xylenes*	<0.150	0.150	02/14/2020	ND	5.23	87.2	6.00	8.78	
Total BTEX	<0.300	0.300	02/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC			THE PROPERTY OF		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/14/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS				يك بالخارة التركب	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2020	ND	219	109	200	2.23	
DRO >C10-C28*	<10.0	10.0	02/13/2020	ND	221	110	200	1.01	
EXT DRO >C28-C36	<10.0		02/13/2020	ND					
Surrogate: 1-Chlorooctane	92.3	% 41-142	?	7A-01 - #0 4			-		
Surrogate: 1-Chlorooctadecane	92.0	% 37.6-14	17						

Cardinal Laboratories

*=Accredited Analyte

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Cley Likene



Analytical Results For:

EOG Y RESOURCES, INC CHASE SETTLE 105 SOUTH 4TH STREET ARTESIA NM, 88210 Fax To: (575) 748-4131

Received:

02/13/2020

Reported:

02/14/2020

Project Name:

HOOPER BATTERY

Project Number: Project Location: NONE GIVEN HOOPER BATTERY Sampling Date:

02/12/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: H 9 - 2 (H000450-02)

Coluene* Cotal Xylenes* Cotal Xylenes* Cotal BTEX Cotal BTEX Currogate: 4-Bromofluorobenzene (PI Chloride, SM4500Cl-B Analyte Chloride PH 8015M Analyte GRO C6-C10* DRO >C10-C28* EXT DRO >C28-C36	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2020	ND	1.73	86.6	2.00	7.88	
Toluene*	<0.050	0.050	02/14/2020	ND	1.79	89.6	2.00	7.48	
Ethylbenzene*	<0.050	0.050	02/14/2020	ND	1,81	90,3	2,00	8.68	
Total Xylenes*	<0.150	0.150	02/14/2020	ND	5.23	87.2	6.00	8.78	
Total BTEX	<0.300	0.300	02/14/2020	ND			-		
Surrogate: 4-Bromofluorobenzene (PIL	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/14/2020	ND	432	108	400	0.00	*
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2020	ND	219	109	200	2.23	
DRO >C10-C28*	<10.0	10.0	02/13/2020	ND	221	110	200	1.01	
EXT DRO >C28-C36	<10.0		02/13/2020	ND					
Surrogate: 1-Chlorooctane	90.6	% 41-142	}		A CHANG THE SALES				
Surrogate: 1-Chlorooctadecane	90.7	% 37.6-14	7						

Cardinal Laboratories

Received by OCD: 2/28/2022 3:56:39 PM

*=Accredited Analyte

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Celly D. Keene





Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeny D. Keens

Received by OCD: 2/28/2022 3:56:39 PM

To	ge 5 of 5
ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	Pa

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

	Relinquished by:	Relinquished by:	Reinquisneplay	Special instructions:	-							2 H9-2	H7-2	-AB# (lab use only)	ORDER# MUDDYSD	(lab use only)	Sampler Signature:		City/State/Zip: Artesia, NM 88210	Company Address: 104 South 4th Street	Company Name EOG Y Re	Project Manager: Chase Settle	101 East Marland, Hobbs, NM 88240
	Date	Date	2/13/20	TPH EXTENDED needed.								4			e ^t stu	1		471	M 88210	4th Street	EOG Y Resources Inc.	tle	NM 88240
	1	딝	Time]/:3:	need										Beginning Depth									
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February 27, 2020

CHASE SETTLE
EOG Y RESOURCES, INC
105 SOUTH 4TH STREET
ARTESIA, NM 88210

RE: HOOPER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/26/20 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited are certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited are certificated.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 2/28/2022 3:56:39 PM

Lab Director/Quality Manager





Analytical Results For:

EOG Y RESOURCES, INC **CHASE SETTLE** 105 SOUTH 4TH STREET ARTESIA NM, 88210 (575) 748-4131

Fax To:

Received: 02/26/2020 Reported: 02/27/2020

Project Name: HOOPER BATTERY Project Number: NONE GIVEN

Project Location: HOOPER BATTERY Sampling Date:

02/26/2020 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: V 9 - 2.5' (H000617-01)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 9	6 73.3-12	9			-			
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						- A
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/27/2020	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.3-14	4		- in) 1
Surrogate: 1-Chlorooctadecane	90.9	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liabilay and Damages. Cardinal's Babilay and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed worked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be fable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clernt, its subsidiaries, allifables or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Ditiens



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

Received by OCD: 2/28/2022 3:56:39 PM

*=Accredited Analyte

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Celeg & Keena

Relinquished by:

Date

Time

Received by ELOT:

Relinquished by:

62.32-7

Time //: 30

2-26-20

ZZZZZZ

Date

Time

Temperature Upon Receipt:

റ്

Special Instructions:

C	94 of 4
ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	Page 4

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Sampler Signature: Chase Settl	Telephone No: 575-748-1471 Fax No:	City/State/Zip: Artesia, NM 88210	Company Address: 104 South 4th Street	Company Name EOG Y Resources Inc.	Project Manager: Chase Settle	101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476
Chase Settle@eogresources.com	Report Format X Standard	PO #: 205-0750	Project Loc:	Project #:	Project Name:	
	d ☐ TRRP ☐ NPDES		Hooper Battery		Hooper Battery	The second secon

100					
HNO ₃					
HCI					
H₂SO ₄					
NaOH	reservation & # of Containers				
Na ₂ S ₂ O ₃	Cont				
None	ainer				
Other (Specify)]"	ı			
DW=Drinking Water BL=Sludge GW = Groundwater S=SoiVSolid NP=Non-Potable Specify Other	Matrix				
TPH: 8015B				Г	
TPH: TX 1005 TX 1006					
Callons (Ca, Mg, Na, K)					
Anions (CI, SO4, Alkalinity)		ð	ᅻ		
SAR/ESP/CEC		OTAL:	CLP		
Metals: As Ag Ba Cd Cr Pb Hg	Se			Þ	
Volatiles				nalyze For.	
Semivolatiles					
BTEX: 8021B					
RCI	-10		- 1		
N.O.R.M.			24		
Chlorides			- 100		
	-				

(lab use only) ORDER #:

LAB # (lab use only)

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered Total #. of Containers

Ice

2/26/2020

9:15 AM

V9-2.5"

FIELD CODE

	_			
V=Drinking Water SL=Sludge V=Groundwater S=SoiVSolid =Non-Potable Specify Other	Matrix			
H: 8015B				Γ
H: TX 1005 TX 1006				
llons (Ca, Mg, Na, K)				
ions (CI, SO4, Alkalinity)		7	႕	
R/ESP/CEC		P.	5	١
itals: As Ag Ba Cd Cr Pb Hg	Se	7		þ
latiles				malyze For.
miyojatiles				7e F
EX: 8021B	, V		17	ន
)		300	17	
D.R.M.			24	
londes			- 100	
AR				

RUSH TAT (Pre-Schedule) 24, 40, 72 hrs

Standard TAT

## H	错	8	To large					4 K			n	DW=Drinking Water SL=Sludge GW = Groundwater S=SoiVSolid NP=Non-Potable Specify Other	Matrix		
Time	덝	A	Time		-						<	TPH: 8015B			
8	ត	CS.	r r				1	П				TPH: TX 1005 TX 1008			
2	S	20	5	8 5		17	1.					Calions (Ca, Mg, Na, K)			
	Sample by S by C	Custody seals	श्रुवर्गहा श्रुवर्गहा	mp bor			7"					Anions (CI, SO4, Alkalinity)		5	ᅼ
	Con San	y s	Fig	e Co								SAR/ESP/CEC		TOTAL	TCLP:
	Hand ampler ourier	seals	3 0	y C							-0-3	Metals: As Ag Ba Cd Cr Pb Hg S	8		
41	Clie		of Headsp	iner								Volatiles			
	Delivered /Client Re UPS	000	dsp	Laboratory Comments: Sample Containers Intac								Semiyolatiles			
	wa F	on cooler(s)	VOCs Free of Headspace?	Laboratory Comments: Sample Containers Intact?						1	<	BTEX: 8021B			
	nple Hand Delivered by Sampler/Client Rep. ? by Courier? UPS DHL	Ś				77	17.7	5.17				RCI			
	F					. J		3.11				N.O.R.M.			24
	A CO									>	<	Chlorides			
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						 			- A	- 1					



February 28, 2022

Released to Imaging: 3/28/2022 1:55:35 PM

Appendix E NMOCD Denial Email

Received by OCD: 2/28/2022 3:56:39 PM

Hamlet, Robert, EMNRD

From:

Hamlet, Robert, EMNRD

Sent:

Monday, April 13, 2020 11:25 AM

To:

Katie Jamison

Cc:

Bratcher, Mike, EMNRD; Venegas, Victoria, EMNRD; Eads, Cristina, EMNRD

Subject:

Closure Denied - EOG - Hooper Battery - (Incident #NRM2000240058) and (Incident

#NCS2003542654)

Attachments:

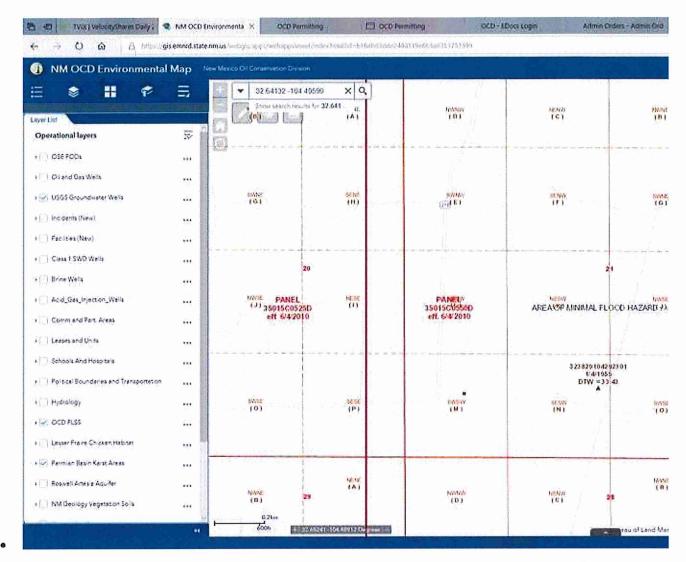
Closure Denied - EOG - Hooper Battery - (NRM2000240058).pdf; Closure Denied - EOG - Hooper

Battery - (NCS2003542654).pdf

Katie,

We have received your closure reports and final C-141s for <u>Incident #NRM2000240058</u> and <u>Incident #NCS2003542654</u> Hooper Battery, thank you. This closures are denied.

• There is a well less than ½ mile directly east of the Hooper Battery, which has a DTW of 33.43'. There are no wells within a 1/2 radius of the well location over 100' depth to groundwater. If you feel the depth to groundwater is >100', a shallow borehole can be drilled to 105' allowing for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, the OCD will accept this as evidence. We would just need a copy of the driller's log.



- At this point, the DTW maintains that the site should be remediated to <50' DTW, which requires (600 mg/kg, Chlorides, 100 mg/kg TPH, etc.).
- Attempting to close 2 separate spills will require 2 payments to the OCD Payment Portal.
- If a second payment has already been accomplished, please e-mail me the P.O. Number from the Payment Portal. If not, please make a second payment and e-mail me the P.O. Number. You can just upload the same report a second time.

Please let me know if you have any further questions.

Regards,

Received by OCD: 2/28/2022 3:56:39 PM

Robert J Hamlet State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 748-1283

Robert.Hamlet@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.



February 28, 2022

Released to Imaging: 3/28/2022 1:55:35 PM

Appendix FExploratory DTW Bore Log





BORING LOG

Project No.: 700438.241.01

Weather: Clear, Temp.: 90°F

Driller: J. Michalsky

Site Name: Hooper Battery

Logger: M. Collier

Rig Type: Sonic Drill

Location: Eddy County, New Mexico

Field Instrument: NA

Bit Size: 6"

Date: 6/25/2021

Latitude: 32.641657 N

Drilling Method: Vibratory Rotary

Boring Number: B-1

Longitude: -104.496840 W

Sample Retrieval Method: Core Barrel

Released to Imaging: 3/28/2022 1:55:35 PM

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)
		0-10'				Light gray, clayey fine Sand (SC) and cobbles	None Slight Mod. Strong	
		10-20'				Gray, sandy, low plasticity Clay (CL) and cobbles	None Slight Mod. Strong	-
		20-35'				Dry, light gray, slightly clayey fine Sand (SP-SC) and cobbles	None Slight Mod. Strong	
		35-40′				Light gray/brown sandy Clay (CL) and limestone	None Slight Mod. Strong	
		40-60'				Light red/brown, hi-plasticity Clay (CH)	None Slight Mod. Strong	
		60-80'				Light gray, sandy, low plasticity Clay (CL) and limestone	None Slight Mod. Strong	
		80-90'				Light gray, slightly sandy, low plasticity Clay (CL) and limestone	None Slight Mod. Strong	
		90-100'				Light red/brown, hi-plasticity Clay (CH)	None Slight Mod. Strong	
		100-105'				Light gray, semi-consolidated limestone and clay.	None Slight Mod. Strong	
						TD 105′	None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
	Surface Elevation: Notes: Groundwater Not Encountered @ 105' BGS – 72 hr. Logger Initials: MC							

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	uscs	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	Lab	S =	S &		Con		Hyd	ቘ
							None Slight	
							Mod.	
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							Slight	
							Mod.	
							Strong	
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	Ш						Mod.	
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	<u> </u>						Mod. Strong	
Notes:							outlig	

Received by OCD: 2/28/2022 3:56:39 PM

The borehole was advanced to 105' below ground surface (bgs). A 2-inch diameter temporary well constructed of schedule 40 PVC thread coupled to 10-feet of machine slotted well screen was installed into the drill casing. 72-hours after installation, a Solinest water level meter was utilized to determine the presence or absence of groundwater.

Page _ 2 _ of _ 2 _



February 28, 2022

Released to Imaging: 3/28/2022 1:55:35 PM

Appendix G Form C-141s

Received by OCD: 2/28/2022 3:56:39 PM

Cause of Release

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	NRM2000240058
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party EO	G Reources, In-	3.	OGRID	OGRID 7377				
Contact Nam	^{ne} Chas	se Settle		Contact	Contact Telephone 575-748-1471				
Contact ema	il Chas	se_Settle@eogr	esources.com	Incident	# (assigned by OCD)	NRM2000240058			
Contact mail			urth Street, Arte	esia, NM 8821	0				
L									
	Location of Release Source								
Latitude 32	64132			Longitud	e -104.49590)			
Lantade			(NAD 83 in dec	cimal degrees to 5 de					
Site Name	Llassas Da	Akam r		Site Typ	e Battery				
	Hooper Ba	ittery							
Date Release	Discovered	10/30/2019		API# (ff	applicable)				
	1 6					٦			
Unit Letter	Section	Township	Range	Co	unty	4			
М	21	198	25E	Eddy					
	I1					_			
Surface Owner	r: State	☐ Federal ☐ Tr	ibal M Private (/	Vame:					
			Nature and	l Volume of	Release				
				calculations or speci	Volume Reco	e volumes provided below)			
Crude Oil	I	Volume Release	a (oois)						
✓ Produced	Water	Volume Release	d (bbls) 70		Volume Reco	overed (bbls) 45			
	· · · · · · · · · · · · · · · · · · ·	Is the concentrat	ion of dissolved c	hloride in the	✓ Yes 🗆 N	lo .			
		produced water:	>10,000 mg/l?						
Condensate Volume Released (bbls)					Volume Reco	overed (bbls)			
☐ Natural G	ias	Volume Release	d (Mcf)		Volume Reco	overed (Mcf)			
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Wei	ght Recovered (provide units)			
		L							

A 2 inch poly to steel transition was corroded and was broken during other maintanence activities at the battery.

Incident ID	NRM 2000240058
District RP	
Facility ID	
Application ID	

Released to Imaging: 3/28/2022 1:55:35 PM

Was this a major	If YES, for what reason(s) does the respo	nsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	Greater than 25 bbls were released	l.
Yes No		
YEATTO	the short of CODS Breaking To the	0 101
-	-	nom? When and by what means (phone, email, etc)? bert Hamlet (NMOCD), Victoria Venegas (NMOCD),
	CD) and Jim Griswold (NMOCD) on 1	
	Initial R	esponse
The responsible	party must undertake the following actions immediated	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
The impacted area ha	as been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred elease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
		fications and perform corrective actions for releases which may endanger ICD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a thre	at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	Ta C-141 report does not refleve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name: Chase	Settle	Title: Rep Safety & Environmental II
Signature: Chase S	o Octilo	Date:11/4/2019
email: Chase_Settle@	Deogresources.com	Telephone: _575-748-1471
OCD Only		
Received by:		Date:

Incident ID	NRM2000240058
District RP	
Facility ID	
Application ID	

Released to Imaging: 3/28/2022 1:55:35 PM

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?	(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 1/2-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.

Incident ID	NRM2000240058
District RP	
Facility ID	
Application ID	

Released to Imaging: 3/28/2022 1:55:35 PM

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the 6 failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Chase Settle	Title: Rep Safety and Environmental II
Signature: Chau Settle	Date: _03/02/2020
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471
OCD Only	
Received by:	Date:
Signature: Settle Settle Settle Och Only	Date: _03/02/2020

Incident ID	NRM2000240058
District RP	
Facility ID	
Application ID	

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.			
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: Title:			
Signature: Date:			
email: Telephone:			
OCD Only			
Received by: Date:			
Approved Approved with Attached Conditions of Approval Denied Deferral Approved			

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

Incident ID	NRM2000240058
District RP	
Facility ID	
Application ID	

Released to Imaging: 3/28/2022 1:55:35 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.

ZI A scaled site and sampling diagram as described in 19.13.29.11 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: Chase Settle	Title: Rep Safety & Environmental Sr			
Signature: Chase Settle	Date: 02/28/2022			
email: Chase_Settle@eogresources.com	Telephone: 575-748-1471			
OCD Only				
Received by: Chad Hensley	Date: 03/28/2022			
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:	Date: 03/28/2022			
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced			

<u>District I</u> 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 <u>District IV</u> 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

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Incident ID	NCS2003542654
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	EOG Resources, Inc.	OGRID	7377
Contact Name Chase Settle		Contact Telephone	575-748-1471
Contact email Chase_Settle@eogresources.com		Incident # (assigned by OCD) NCS2003542654	
Contact mailing address 104 South 4th Street, Artesia, NM 88210			

Location of Release Source

Latitude 32.64132 Longitude -104.49590 (NAD 83 in decimal degrees to 5 decimal places)					
Site Name Hooper Battery Site Type Battery					
Date Release Discovered 12/18/2019		API# (if applicable)			
Unit Letter Section Township Range County		County			
M	21	198	25E	Eddy	
Surface Owner: State Federal Tribal Private (Name: Ross Ranch)					

Nature and Volume of Release

☑ Crude Oil	Volume Released (bbls) 88	Volume Recovered (bbls) 33
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 (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		
Freezing temperatur	res caused a 3" ball valve to separate threads o	n the load line for an oil tank.

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Was this a major	If YES, for what reason(s) does the respo	nsible party consider this a major release?
release as defined by	A volume greater than 25 bbls was	released.
19.15.29.7(A) NMAC?		
☑ Yes ☐ No		
If YES, was immediate n	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
		ike Bratcher on December 18, 2019, at 3:45 p.m. by
Bob Asher.		
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
<u> </u>	as been secured to protect human health and	the environment.
<u> </u>	-	likes, absorbent pads, or other containment devices.
All free liquids and recoverable materials have been removed and managed appropriately.		
·	d above have not been undertaken, explain	
If all the actions described	a above have <u>not</u> been undertaken, explain	wny.
•		
		emediation immediately after discovery of a release. If remediation
		efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
public health or the environr	nent. The acceptance of a C-141 report by the C	OCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.	The control of the control of the control of	responsionity for compliance with any other rederal, state, or local laws
Printed Name: Chase S	Settle	Title: Rep Safety and Environmental II
	7	
Signature: <u>Chau</u> 5	etto	Date: 12/30/2019
email: Chase_Settle@)eogresources.com	Telephone: 575-748-1471
		•
OCD Only		
OCD OILLY		
Received by:		Date:

Incident ID	NCS2003542654
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.

127 (ft bgs)
☐ Yes 🏻 No
☐ Yes 🛛 No
Yes 🛛 No
☐ Yes 🔀 No
☐ Yes 🛛 No
☐ Yes 🛛 No
☐ Yes 🔀 No
☐ 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.

<u>Cn</u>	aracterization Report Checklist: Each of the following items must be included in the report.
X	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
\boxtimes	Boring or excavation logs
\boxtimes	Photographs including date and GIS information Topographic/Aerial maps
\bowtie	Laboratory data including chain of custody

Incident ID	NCS2003542654
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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: Chase Settle	Title: Rep Safety and Environmental II
Signature: Chau Settle	Date: 03/02/2020
email: Chase_Settle@eogresources.com	Telephone: _575-748-1471
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Received by:	Date:

Incident ID	NCS2003542654
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.	
Detailed description of proposed remediation technique		
Scaled sitemap with GPS coordinates showing delineation point	ts	
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 tin	neline is more than 90 days OCD approval is required)	
Deferral Requests Only: Each of the following items must be con-	nfirmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility	
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.	
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 accepta	ince of a C-141 report by the OCD does not relieve the operator of	
liability should their operations have failed to adequately investigate	e and remediate contamination that pose a threat to groundwater.	
surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local	acceptance of a C-141 report does not relieve the operator of	
responsionly to compliance with any other reactal, state, or recar	aws and/or regulations.	
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
	1 diophono.	
OCD Only		
D. 1. 11		
Received by:	Date:	
Approved	Approval	
Signature		
Signature:	Date:	

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

Incident ID	NCS2003542654
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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.

Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
☑ Description of remediation activities	
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr
Signature: Chase Settle	Date: 02/28/2022
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>
OCD Only	
Received by: Chad Hensley	Date:03/28/2022
remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/	
Closure Approved by:	Date: 03/28/2022
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced

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

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 84948

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	84948
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Crea	ited By		Condition Date
che	ensley	Closure approved.	3/28/2022