Environmental Site Remediation Work Plan



General Information

| NMOCD District: | District 2 | Incident ID: | nMCS0124838636 |
|-----------------|---------------------|----------------|----------------------|
| Landowner: | Private | RP Reference: | N/A |
| Client: | EOG Resources, Inc. | Site Location: | Federal AB-B Battery |
| Date: | May 25, 2023 | Project #: | 22E-00123-15 |
| Client Contact: | Chase Settle | Phone #: | 575.748.4171 |
| Vertex PM: | Chance Dixon | Phone #: | 575.988.1472 |

Objective

The objective of the Environmental Site Remediation Work Plan is to identify areas of exceedance for areas of concern delineated during assessment and site characterization activities, and propose appropriate remediation techniques to address the release for the Federal AB-B Battery (hereafter referred to as "Federal AB-B"). The incident occurred when lightning struck part of the tank battery causing the release of approximately 10 barrels (bbls) of basic sediment and water. The lightning strike caused fluids to ignite and affected an area west of the lease road (4 x 50 ft). Closure criteria has been selected as per New Mexico Administrative Code (NMAC) 19.15.29.12. The closure criteria for the site is presented below (Table 1).

| Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS | Constituent | Limit |
|--|-------------------|-----------|
| | Chloride | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | 100 mg/kg |
| < 50 feet | втех | 50 mg/kg |
| | Benzene | 10 mg/kg |

TDS – Total dissolved solides

TPH – Total petroleum hydrocarbons = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO),

BTEX - Benzene, toluene, ethylbenzene, and xylenes

Site Assessment/Characterization

Site characterization was initiated on November 5, 2021, and a request for closure was submitted to NMOCD due to the site meeting Recommended Remediation Action Levels in effect at the time of release. The closure was denied, as the excavation did not encompass the entire extent of the contamination discovered in the area (BH21-02). Characterization was resumed and was completed on March 17, 2023. A total of 17 sample points (boreholes and test pits) were established during the delineation events in 2021 and 2023. They were obtained at various depths for horizontal and vertical delineation. Samples collected at the deepest vertical distance and horizontal distance below closure criteria were submitted to the laboratory for analysis. In total, 11 samples were submitted to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis. The characterization sampling locations are presented in Figure 1 (Attachment 2). Laboratory analyses were compared to the above-noted closure criteria and the results from the characterization activity are presented in Table 2 (Attachment 3).



Previous Remediation Completed

In 2019 and early 2020, Resources, Inc. (EOG) performed remediation at Federal AB-B. An area within the containment was excavated until the wall samples and base samples met the criteria as determined in 19.15.29.13 NMAC. The excavation in the containment was backfilled with clean sediments. NMOCD approved Closure of the incident (nRM1932255004) on May 28, 2020.

Site assessment was initiated by Vertex Resource Services Inc. (Vertex) on November 5, 2021, and a request for closure was submitted to New Mexico Oil Conservation Division (NMOCD) due to the site meeting Recommended Remediation Action Levels in effect at the time of release (2001). The closure was denied by NMOCD with the stipulation that the remaining impacted area meet the requirements of 19.15.29.12 NMAC. Characterization was resumed and was completed in March 2023 to vertically and horizontally delineate BH21-02. Due to the previous remediation being completed by the requirements set forth in 19.15.29.12 NMAC, no delineation points were collected from the area addressed in the completion of that remediation as all confirmation samples fell within the required criteria prior to backfill with clean, non-impacted soil. Vertex and EOG have proposed additional remedial activities below.

Remedial Activities

Areas identified with contaminant concentrations above closure criteria of the current Spill Rule (19.15.29.12 NMAC) will be remediated through excavation. Laboratory results from the site assessment/characterization have been referenced to estimate both the vertical and horizontal limits of the impacts and the volume of soil to be removed. The soil will be excavated to the extent of the known contamination with field screening utilized to confirm the removal of contaminated soil below the applicable closure criteria. Once the excavation is complete, confirmatory samples will be collected from the bottom and sidewalls of the excavation to meet the one sample per 200 square feet requirement and analysis will be completed to confirm closure criteria guidelines are met. Excavations will be backfilled with clean soil sourced locally.

Exceedances to closure criteria were found at sample points BH21-02, TP23-06 to TP23-09, TP23-11, and TP23-14 to TP23-19. Mechanical excavation equipment will be used to complete the excavation at these boreholes. The estimated volume to be excavated is 300 yards.

| Sample Point | Excavation Depth | Remediation Method |
|--------------|------------------|--------------------|
| 01121.02 | C' | Deckhoo |
| BH21-02 | 6' | Backhoe |
| TP23-06 | 2' | Backhoe |
| TP23-07 | 2' | Backhoe |
| TP23-08 | 2' | Backhoe |
| TP23-09 | 2' | Backhoe |
| TP23-10 | 2' | Backhoe |
| TP23-11 | 2' | Backhoe |
| TP23-14 | 2' | Backhoe |
| TP23-15 | 2' | Backhoe |
| TP23-16 | 2' | Backhoe |
| TP23-17 | 2' | Backhoe |
| TP23-18 | 2' | Backhoe |
| TP23-19 | 2' | Backhoe |

Environmental Site Remediation Work Plan

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.988.1472 or cdixon@vertex.ca.

Sally Carttar

5/25/2023

Sally Carttar, B.A. INTERMEDIATE ENVIRONMENTAL TECHNOLOGIST, REPORTING Date

hance Dison

Chance Dixon, B.Sc. PROJECT MANAGER, REPORT REVIEW

5/25/2023

Date

Attachments

Attachment 1. NMOCD C-141 Report Attachment 2. Figure Attachment 3. Table Attachment 4. Denied Closure Report by EOG of 163

ATTACHMENT 1

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 | nMCS0124838636 |
|----------------|----------------|
| 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) nMCS0124838636 | |
| Contact mailing address 104 S. 4th Street, Artesia, NM 88210 | | |

Location of Release Source

Latitude 32.69833

Longitude -104.51331 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Federal AB-B Battery | Site Type Battery |
|------------------------------------|--|
| Date Release Discovered 08/16/2001 | API# (if applicable) 30-015-23643 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| М | 32 | 18S | 25E | Eddy |

Surface Owner: State Federal Tribal Private (Name: 4-Dinkus Ranch

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|---------------------------|--|---|
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| BS&W & Produced Water Mix | 10 Bbls | 0 bbls |
| Cause of Release Pleas | e refer to the original C-141 for details of | nMCS0124838636. |
| | | |
| | | |
| | | |
| | | |
| L | | |

| rm C-141 | 23 3:01:16 PM State of New Mexico | x 11 . x | Page 6 |
|--|--|---|---------------------|
| | Oil Conservation Division | Incident ID | nMCS0124838636 |
| e 2 | On Conservation Division | District RP | |
| | | Facility ID | |
| | | Application ID | |
| Was this a major release as defined by 19.15.29.7(A) NMAC? Ves No | If YES, for what reason(s) does the responsible part Due to the lightning causing a fire, the r | | |
| | Inotice given to the OCD? By whom? To whom? When ins to Van Barton- OCD and Jim Amos- E | | |
| Yes, by Darrell Atki | | | |
| Yes, by Darrell Atki | Initial Response | e | |
| | | | ld result in injury |
| | Initial Response e party must undertake the following actions immediately unless they | | ld result in injury |
| The responsible | Initial Response e party must undertake the following actions immediately unless they | y could create a safety hazard that wou | ld result in injury |

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

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

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

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

| Printed Name: | Chase | Settle |
|----------------------|-------|--------|
| I I IIIICU I Vallie. | Unase | OCUIC |

_____ Signature: Chase Settle Date: 08/31/2022

Title: Rep Safety & Environmental Sr

Telephone: 575-748-1471

email: Chase_Settle@eogresources.com

OCD Only

Received by:

Date:

Received by OCD: 5/25/2023 3:01:16 PM Form C-141 State of New Mexico

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Oil Conservation Division

| | Page 7 of 16 |
|----------------|----------------|
| Incident ID | nMCS0124838636 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release? | <50 (ft bgs) |
|---|------------------------|
| Did this release impact groundwater or surface water? | Yes X 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 X 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 X No |
| Are the lateral extents of the release overlying a subsurface mine? | Yes X No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | Yes X No |
| Are the lateral extents of the release within a 100-year floodplain? | Yes X No |
| Did the release impact areas not on an exploration, development, production, or storage site? | X 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.

- $\underline{\mathbf{x}}$ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- X Field data
- X Data table of soil contaminant concentration data
- X Depth to water determination
- x Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- X Boring or excavation logs
- **x** Photographs including date and GIS information
- X Topographic/Aerial maps
- X 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.

| Received by OCD: 5/25/2023 3:01 Form C-141 | 1:16 PM | | | | Page 8 of 163 |
|---|---------------------------|---|--|--|---|
| | | | | Incident ID | nMCS0124838636 |
| Page 4 | Oil Conservation Division | | | District RP | |
| | | | | Facility ID | |
| | | | | Application ID | |
| regulations all operators are required public health or the environment. T failed to adequately investigate and | | ifications and pe DCD does not re eat to groundwat responsibility fo | erform co lieve the ter, surfa or compl Safety 25/202 | exprective actions for rele coperator of liability sho ce water, human health liance with any other feo & Environmental Sr | ases which may endanger ould their operations have or the environment. In |
| OCD Only Received by: Jocelyn Har | imon | Date: | 05/2 | 26/2023 | |

Received by OCD: 5/25/2023 3:01:16 PM Form C-141 State of New Mexico

| Incident ID | nMCS0124838636 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

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

X Detailed description of proposed remediation technique

X Scaled sitemap with GPS coordinates showing delineation points

x Estimated volume of material to be remediated

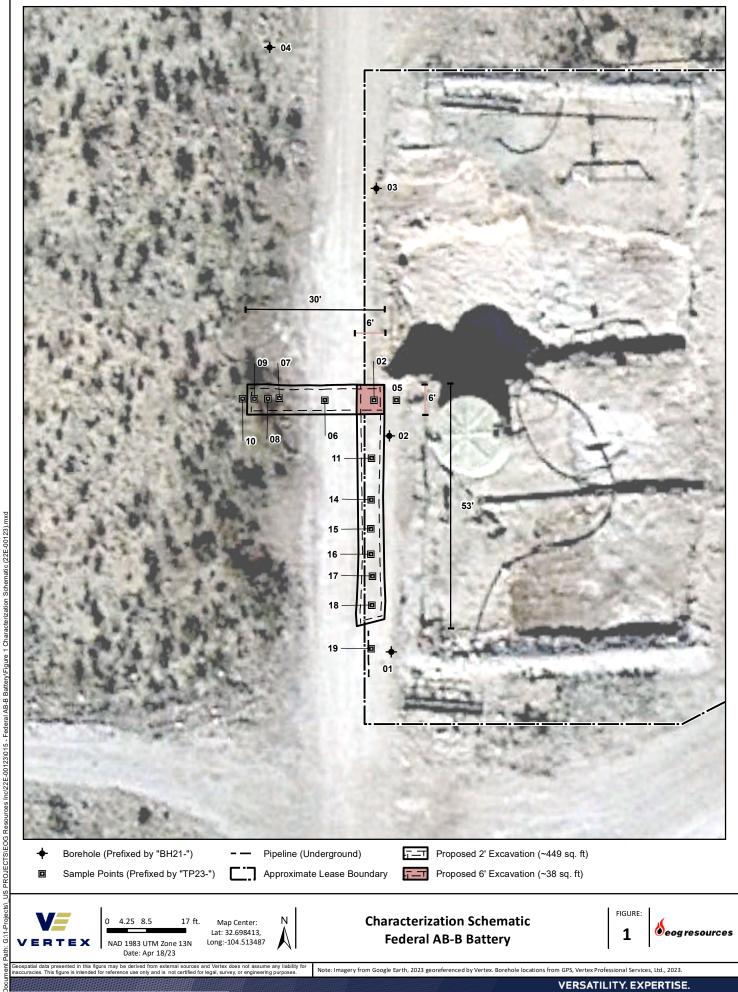
Page 5

X Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

X 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 con | firmed as part of any request for deferral of remediation. |
|---|---|
| Contamination must be in areas immediately under or around pr deconstruction. | oduction equipment where remediation could cause a major facility |
| 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 complet rules and regulations all operators are required to report and/or file c which may endanger public health or the environment. The acceptar liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local li | certain release notifications and perform corrective actions for releases nee of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: Chase Settle | Title: _ Rep Safety & Environmental Sr |
| Printed Name:Chase Settle Signature:Chase Settle | Date: 05/25/2023 |
| email:Chase_Settle@eogresources.com | Telephone:575-748-1471 |
| OCD Only | |
| Received by: Jocelyn Harimon | Date:05/26/2023 |
| Approved Approved with Attached Conditions of | Approval Denied Deferral Approved |
| Signature: Ashley Maxwell | Date: 5/30/2023 |

ATTACHMENT 1



Released to Imaging: 5/30/2023 9:08:41 AM

ATTACHMENT 3

Client Name: EOG Resources Site Name: Federal AB-B Battery NMOCD Tracking #: nMCS0124838636 Project #: 22E-00123-15 Lab Report(sX): 2303966, 2303A35, 2303966, 2303A35, 2111431

| | Table | 2. Initial Charact | erization S | ample Fie | Field Screen and Laboratory Results - Depth to Groundwater <50 feet bgs | | | | | gs | | | |
|-----------|----------------|--------------------|---|---|---|---------------------------|---------------------|--|--|---|------------------------|---|--------------------------------------|
| 5 | Sample Descrip | otion | Fie | eld Screeni | ng | | | Petrole | eum Hydro | carbons | | | |
| | | | ds | | | Vola | atile | | | Extractable | 9 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | 전 Volatile Organic Compounds ③ (PID) | Extractable Organic 3 Compounds (PetroFlag) | () () () () () () () () () () () () () (| eue Beuzueg (mg/kg) |) (mg/sd/ (g) | ଞ୍ଚି Gasoline Range Organics % (GRO) | ୁ Diesel Range Organics () (DRO) | () Motor Oil Range Organics (MRO) | (OXO + OXO) (mg/kg) | କ୍ଷି Total Petroleum କ୍ଷି Hydrocarbons (TPH) | w) Chloride Concentration (88) |
| BH21-01 | 1 | 11/05/2021 | 0 | 494 | 243 | ND | ND | ND | 20 | 78 | 20 | 98 | 67 |
| BH21-02 | 1 | 11/05/2021 | 0 | 6,930 | 1,694 | ND | ND | ND | 920 | 1200 | 920 | 2120 | 1100 |
| BH21-02 | 1.5 | 11/05/2021 | 0 | 678 | 1,987 | ND | ND | ND | 120 | 180 | 120 | 300 | 1300 |
| TP23-02 | 2 | 03/16/2023 | - | - | 1,350 | - | - | - | - | - | - | - | - |
| TP23-02 | 4 | 03/16/2023 | - | - | 1,453 | - | - | - | - | - | - | - | - |
| TP23-02 | 6 | 03/16/2023 | - | 30 | 538 | ND | ND | ND | ND | ND | ND | ND | 510 |
| BH21-03 | 1 | 11/05/2021 | 0 | 21 | 971 | ND | ND | ND | ND | ND | ND | ND | 440 |
| BH21-03 | 1.75 | 11/05/2021 | 0 | 31 | 855 | ND | ND | ND | ND | ND | ND | ND | 440 |
| BH21-04 | 1 | 11/05/2021 | 0 | 36 | 99 | ND | ND | ND | ND | ND | ND | ND | ND |
| TP23-05 | 0 | 03/16/2023 | - | 92 | 510 | ND | ND | ND | ND | ND | ND | ND | 360 |
| TP23-05 | 2 | 03/16/2023 | - | 15 | 398 | ND | ND | ND | ND | ND | ND | ND | 400 |
| TP23-06 | 0 | 03/16/2023 | - | - | 1,530 | - | - | - | - | - | - | - | - |
| TP23-06 | 2 | 03/16/2023 | - | - | 1,240 | - | - | - | - | - | - | - | - |
| TP23-07 | 0 | 03/16/2023 | - | 1,072 | 150 | - | - | - | - | - | - | - | - |
| TP23-07 | 2 | 03/16/2023 | - | 86 | 188 | - | - | - | - | - | - | - | - |
| TP23-08 | 0 | 03/16/2023 | - | 2,000 | 140 | - | - | - | - | - | - | - | - |
| TP23-08 | 2 | 03/16/2023 | - | 263 | 113 | - | - | - | - | - | - | - | - |
| TP23-09 | 0 | 03/16/2023 | - | 1,175 | 63 | - | - | - | - | - | - | - | - |
| TP23-09 | 2 | 03/16/2023 | - | 65 | 80 | - | - | - | - | - | - | - | - |
| TP23-10 | 0 | 03/16/2023 | - | 77 | 35 | ND | ND | ND | ND | ND | ND | ND | ND |
| TP23-10 | 2 | 03/16/2023 | - | 25 | 63 | ND | ND | ND | ND | ND | ND | ND | ND |
| TP23-11 | 0 | 03/16/2023 | - | 599 | 220 | - | - | - | - | - | - | - | - |
| TP23-11 | 2 | 03/16/2023 | - | 126 | 330 | - | - | - | - | - | - | - | - |
| TP23-14 | 0 | 03/17/2023 | - | 2,000 | 565 | - | - | - | - | - | - | - | - |
| TP23-14 | 2 | 03/17/2023 | - | 1,147 | 548 | - | - | - | - | - | - | - | - |
| TP23-15 | 0 | 03/17/2023 | - | - | 828 | - | - | - | - | - | - | - | - |
| TP23-15 | 2 | 03/17/2023 | - | - | 1,128 | - | - | - | - | - | - | - | - |
| TP23-16 | 0 | 03/17/2023 | - | 464 | 308 | - | - | - | - | - | - | - | - |
| TP23-16 | 2 | 03/17/2023 | - | 87 | 330 | - | - | - | - | - | - | - | - |
| TP23-17 | 0 | 03/17/2023 | - | 206 | 355 | - | - | - | - | - | - | - | - |
| TP23-17 | 2 | 03/17/2023 | - | 83 | 290 | - | - | - | - | - | - | - | - |
| TP23-18 | 0 | 03/17/2023 | - | - | 1,337 | - | - | - | - | - | - | - | - |
| TP23-18 | 2 | 03/17/2023 | - | - | 493 | - | - | - | - | - | - | - | - |
| TP23-19 | 0 | 03/17/2023 | - | 423 | 185 | - | - | - | - | - | - | - | - |

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria (on-pad)



ATTACHMENT 4



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

August 31, 2022

Bradford Billings EMNRD 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Federal AB-B Battery 30-015-23643 M-32-18S-25E Eddy County, NM nMCS0124838636

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site which currently has an open incident on the NMOCD E-Permitting website. The report is being submitted in reference to the C-141 Final dated and submitted August 17, 2001. EOG Resources, Inc. has included a C-141 Closure on the most current form within this Closure Report, and hereby requests closure of the open incident.

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

Respectfully,

Chase Settle

Chase Settle Rep Safety & Environmental Sr EOG Resources, Inc.



August 31, 2022

Federal AB-B Battery

eog resources

Closure Report

30-015-23643

M-32-18S-25E

Eddy County, NM

August 31, 2022

nMCS0124838636

•

| Federal AB Closure Rej #nMCS012 | port | August 31, | 2022 |
|---------------------------------------|--|------------|------|
| I. | Table of Contents | 1 | |
| 11. | Background | 1 | |
| 111. | Scope of Work Completed | 1 | |
| IV. | Closure Request | 2 | |
| Table Table Apper | es 1: Comprehensive Site Map 1: Comprehensive Analytical Table adices: dix A: Current C-141 Closure | | |
| | dix B: Original C-141 Final dix C: Internal YPC Spill Report/Photos | | |
| Appen Appen Appen | dix D: 2019 Remediation Photos dix E: 2019 Remediation Closure Report dix F: 2021 Laboratory Analytical Report dix G: 2021 Vertex Field Notes | | |
| | | | |



August 31, 2022

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I. Location

The site is located in Eddy County, New Mexico approximately 8.6 miles southwest of Atoka.

II. Background

On August 16, 2001, Yates Petroleum Corporation (YPC) had a release of 10 barrels of BS & W and produced water mix at the Federal AB-B Battery when a lightning strike occurred, causing a fiberglass gun-barrel and a fiberglass storage tank to become engulfed in flames. Local fire authorities responded to extinguish the fire, which unavoidably spread ash, fire debris, and some remaining produced fluids across the facility and pad. Areas impacted included a four (4) foot wide by fifty (50) foot long area adjacent to the west side of the battery along the lease road, approximately thirty (30) feet by fifty (50) feet on the east side of the pad, and areas around the facility equipment. Pictures included in Appendix C demonstrate the extent of the impacts created by the fire and activities in extinguishing the fire.

Once the fire was extinguished, according to the C-141 Final (Appendix B) submitted August 17, 2001, the fire debris and residue was to be excavated/removed from location with any remaining water residue disced into the site for in situ treatment.

III. Scope of Work Completed

During divestiture activities in early 2021, it was discovered through a search of the NMOCD E-Permitting system that this open Incident existed for this site. EOG Resources, Inc. (EOG) could not locate the C-141 or any further documentation through the NMOCD system but were fortunate in finding the original release documents within our internal filing system. EOG realized almost immediately that a large portion of the impacted area had overlapped with a recent remediation that had concluded in early 2020.

In 2019, EOG began remediation at the site for a 20 barrel release when high winds caused a pvc water leg to break on a 3-Phase Vertical Separator. Initial pictures of the release area indicated impacts were isolated to the east of the separator before flowing south remaining entirely within the battery berm. These initial pictures, as well as final excavation pictures are included as Appendix D. Through the course of the initial assessment, it became obvious that some historical impacts were being encountered, which increased the footprint of the remediation area far beyond the area impacted by the recent release. Note that with the release occurring in 2019, the current Spill Rule (NMAC 19.15.29) was in effect, so the remediation limits had become more stringent than they were in the early 2000's. During the remediation of the 2019 release, the site was excavated until confirmation samples indicated Table 1 thresholds had been achieved, then a Closure Report was submitted to NMOCD for review, with approval coming May 28, 2020. A Comprehensive Site Map and the 2019 Closure Report are included with this report as Figure 1 and Appendix E to provide illustration and detail of the overlap involved with the release areas, as well as the remediation efforts completed in 2019 which address both areas. Note that the 2001 impacted area depicted on the Figure 1 Comprehensive Site Map is approximate, and based on the initial pictures included with the report in Appendix C.

EOG also retained Vertex to perform assessment samples along the lease road to determine if impacts from that area appeared to have been addressed appropriately during the initial activities in 2001. Vertex mobilized to the site on November 5, 2021, to collect samples at 4 discrete sample points within areas believed to have been impacted during the 2001 incident. BH21-01 through BH21-04 were spread out on the west side of the battery in an area which the initial photos appear to show had been impacted, which had not been addressed by the remediation activities completed for the 2019 release. The points are depicted on the Figure 1 map. Samples were collected for laboratory analysis following NMOCD soil sampling procedures, then submitted to Hall Environmental Analysis Laboratory under strict chain-of-custody (COC) protocols for



August 31, 2022

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analyzation of BTEX (EPA Method 8021B), TPH (EPA Method 8015D) and chloride (EPA Method 300.0). Notes of the Vertex activities are included as Appendix G.

Once analytical data (Appendix F) returned from the laboratory, a review was conducted to determine if the results fell within the Recommended Remediation Action Levels (RRAL) according to the *New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases,* dated August 13, 1993, as these were the operating standards for that time period. Based on the results, provided in Table 1 Comprehensive Analytical Table, it demonstrates that the release was address appropriately for era, as all BTEX and TPH results are below the RRAL listed in the 1993 Guidelines provided by NMOCD. There is one sample that displays chloride concentrations above the thresholds of the current Spill Rule (NMAC 19.15.29), however prior to 2018 chloride did not have a RRAL, and during this time period, early 2000's, there are a number of instances of sites receiving approved closure with concentrations well above the current results by thousands of parts per million. Since the sample results indicated that remediation was completed appropriately for the time, and that the soil still adheres to the RRALs which were in effect based on the NMOCD Guidelines distributed in 1993, no further work was completed for this small portion of road area.

IV. Closure Request

This release, remediation work, and original C-141 Final submission occurred prior to the passage of the current Spill Rule (NMAC 19.15.29), and therefore must be reviewed by the standards required during the time period in which that release was initially addressed. With the available site remediation information, the area addressed by the 2019 remediation activities and the current 2021 soil analytical results indicating the road portion to be within the RRALs from that time period, EOG Resources, Inc. believes enough evidence exists to substantiate that remedial activities were completed appropriately for this site, and requests Closure of nMCS0124838636. The current C-141 Closure Form is included with this Closure Report as Appendix A.



August 31, 2022

Figure

Comprehensive Site Map





August 31, 2022

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Table

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Comprehensive Analytical Table

| Sample ID | Depth (ft. bgs) | Date | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH (GRO) | TPH (DRO) | TPH EXT DRO | Total TPH | Chlorides |
|---------------------|---------------------------|------------------------------------|--------------------------|--------------------------|----------------------|--------------------------------|----------------------|---------------------|----------------------|-------------------------|-------------------------|----------------------|
| BH21-01- 1' | 1 | 11/05/21 | ND | ND | ND | ND | ND | ND | 20 | 78 | 98 | 67 |
| BH21-02- 1' | 1 | 11/05/21 | ND | ND | ND | ND | ND | ND | 920 | 1200 | 2120 | 1100 |
| BH21-02- 1.5' | 1.5 | 11/05/21 | ND | ND | ND | ND | ND | ND | 120 | 180 | 300 | 1300 |
| BH21-03- 1' | 1 | 11/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 440 |
| BH21-03- 1.75' | 1.75 | 11/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 440 |
| BH21-04- 1' | 1 | 11/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| V1C-3.5' | 3.5' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| V1C-3.5 V2C-3.5' | 3.5 <u>3.5'</u> | <u>11/14/19</u> | <0.050 <0.050 | <0.050 <0.050 | 0.060 | 0.150 | <0.300 | 60.8 | 7360 | 1740 | 9160.8 | 96 |
| V2C-4' | <u></u> | 12/12/19 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 1500 | 572 | 2072 | 144 |
| V2C-4.5' | 4.5' | 01/09/20 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 736 |
| V3C-2' | | 11/14/19 | <0.050 | <0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 524 | 177 | 701 | 128 |
| V4C-1.5 | 1.5' | 11/14/19 | <0.050 | <0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 277 | 127 | 404 | 448 |
| V5C-2.5' | 2.5' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 22.6 | <10.0 | 22.6 | 432 |
| V6C-2.5' | 2.5' | 11/14/19 | <0.100 | 1.28 | 3.19 | 9.88 | 14.3 | 253 | 1660 | 239 | 2152 | 720 |
| V6C-3' | 3' | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 | <10.0 | 197 | 176 | 373 | 336 |
| V7C-7.5' | 7.5' | 11/14/19 | 9.83 | 93.1 | 85.0 | 192 | 379 | 4440 | 16200 | 2270 | 22910 | 80 |
| V7C-9' | 9' | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 416 |
| V8C-7.5' | 7.5' | 11/14/19 | <0.100 | 1.01 | <u>3.21</u> | 8.3 4 | 12.6 | 146 | 1190 | 167 | 1503 | 48 |
| V8C-9' | 9' | 12/12/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 15.2 | <10.0 | 15.2 | 576 |
| | | | | | | | | | | | | |
| H1 | 0-7.5 | 11/14/19 | <0.050 | <0.050 | 0.089 | 0.290 | 0.379 | 13.1 | 1250 | 298 | 1561.1 | 4 80 |
| H1-2 | 0-9 | 12/12/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 560 |
| H2 | 0-7.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.2 | <10.0 | 10.2 | 224 |
| H3 | 0-3.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 965 | 384 | 1349 | 720 |
| H3-2 | 0-4 | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 432 |
| H4 | 0-1.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 149 | 74.8 | 223.8 | 1170 |
| H4-2 | 0-1.5 | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| H5 | 0-2.5 | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 | <10.0 | 98.8 | 50.9 | 149.7 | 448 |
| H6 | 0-2.5 | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 150 | 36.9 | 186.9 | 384 |
| H7 H7-2 | 0-2.5 0-2.5 | 11/14/19 12/12/19 | < <u>0.050</u> <0.050 | < <u>0.050</u> <0.050 | <0.050 <0.050 | <0.150 <0.150 | <0.300 <0.300 | <10.0 <10.0 | 4 <u>32</u> <10.0 | 341 <10.0 | 773 <10.0 | 736 80 |
| H7-2 H8 | 0-2.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 104 | 47.8 | 151.8 | 192 |
| <u>но</u> Н9 | 0-2 0-3.5 | <u>11/14/19</u> | <0.050 <0.050 | <0.050 <0.050 | <0.050 <0.050 | <0.150 <0.150 | <0.300 | <10.0 <10.0 | 664 | 47.0 372 | 101.6 1036 | 624 |
| H9-2 | 0-3.5 | <u>11/14/19</u> <u>12/12/19</u> | <0.050 <0.050 | <0.050 <0.050 | <0.050 | <0.150 <0.150 | <0.300 | <10.0 <10.0 | <10.0 | 372 <10.0 | < <u>10.0</u> | 656 |
| H9-3 | 0-4.5 | 01/09/20 | < 0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 528 |
| H10 | 0-4.5 | 11/14/19 | < 0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 123 | 40.2 | 163.2 | 112 |



August 31, 2022



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

)

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| Incident ID | nMCS0124838636 |
|----------------|----------------|
| 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) nMCS0124838636 | | | | |
| Contact mailing address 104 S. 4th Street, Artesia, NM 88210 | | | | | |

Location of Release Source

Latitude 32.69833

Longitude -104.51331 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Federal AB-B Battery | Site Type Battery |
|------------------------------------|-----------------------------------|
| Date Release Discovered 08/16/2001 | API# (if applicable) 30-015-23643 |

| Unit Le | etter | Section | Township | Range | County |
|---------|-------|---------|----------|-------|--------|
| М | | 32 | 18S | 25E | Eddy |

Surface Owner: State Federal Tribal Private (Name: 4-Dinkus Ranch

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|---------------------------|--|---|
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| BS&W & Produced Water Mix | 10 Bbls | 0 bbls |
| Cause of Release Please | e refer to the original C-141 for details of r | nMCS0124838636. |
| | | |
| | | |
| | | |
| | | |
| | | |

| <i>eived by OCD: 5/25/202</i> m C-141 | 23 3:01:16 PM State of New Mexico | | Page 26 0 | |
|--|---|--------------------------------------|----------------------|--|
| | Oil Conservation Division | Incident ID | nMCS0124838636 | |
| e 2 | On Conservation Division | District RP | | |
| | | Facility ID | | |
| | | Application ID | | |
| Was this a major | If YES, for what reason(s) does the responsible party | v consider this a major release | ? | |
| release as defined by 19.15.29.7(A) NMAC? | Due to the lightning causing a fire, the re | | | |
| 🗹 Yes 🗌 No | | | | |
| | | | | |
| fVES was immediate n | otice given to the OCD? By whom? To whom? Whe | n and hy what means (nhone | email etc)? | |
| | ns to Van Barton- OCD and Jim Amos- B | | | |
| · · · , · · , · · · · · · · · · | | | | |
| | | | | |
| | Initial Response | • | | |
| The responsible | party must undertake the following actions immediately unless they | could create a safety hazard that wo | ıld result in injury | |
| The source of the rel | eace has been stonned | | | |
| | as been secured to protect human health and the environ | nmont | | |
| - | ave been contained via the use of berms or dikes, absor | | ant dervices | |
| | | • | ent devices. | |
| \checkmark All free liquids and r | ecoverable materials have been removed and managed | appropriately. | | |
| | | | | |
| If all the actions describe | d above have not been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| If all the actions describe | d above have <u>not</u> been undertaken, explain why: | | | |
| Per 19.15.29.8 B. (4) NN | IAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts hav | | | |

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 |
|------------------|-------|--------|
| r milleu maille. | Chase | Selle |

Signature: Chase Settle _____

| Title: | Rep Safety & Environmental Sr |
|--------|-------------------------------|
| | |

email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

Date: 08/31/2022

OCD Only

Received by: _____

Date:

Page 6

| Incident ID | nMCS0124838636 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

| <u>Closure Report Attachment Checklist</u> : Each of the following | items must be included in the closure report. |
|---|--|
| A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection) | s 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 certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in |
| Printed Name: Chase Settle | Title: Rep Safety & Environmental Sr |
| Signature: <u>Chase Settle</u> | Date: 08/31/2022 |
| email: Chase_Settle@eogresources.com | Telephone: 575-748-1471 |
| | |
| | |
| OCD Only | |
| Received by: | Date: |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |



August 31, 2022

Appendix B Original C-141 Final

| District I | |
|--|--|
| 1625 N. French Dr., Hobbs, NM 88240 | |
| District II | |
| 811 South First, Artesia, NM 88210 | |
| District III | |
| 1000 Rio Brazos Road, Aztec, NM 87410 | |
| District IV | |
| 2040 South Pacheco, Santa Fe, NM 87505 | |

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State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

| OP | ERATOR | Initial Report | X Final Report |
|---|-----------------|------------------------------|----------------|
| Name of Company Yates Petroleum Corporation | n C | Contact Jerry Fanning, Jr. | |
| Address 105 South Fourth Street Artesia, NM | I 88210 To | Telephone No. (505) 748-1471 | |
| Facility Name FEDERAL AB -B BATTERY | Fa | Facility Type Tank Battery | |
| Surface Owner N | fineral Owner F | Federal Lease No. | NM0487738 |

LOCATION OF RELEASE

| | | | | | a or i or and de | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|--|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County | |
| 0 | 32 | 185 | 25E | | | | | Eddy | |

| NATURE O | T KELEADE | | | | |
|--|---|--|--|--|--|
| Type of Release BS &W / Produced Water | Volume of Release 10 BBL WATER | Volume Recovered 0 BO 0 BW | | | |
| Source of Release Tanks | Date and Hour of Occurance 8-16-01, 14:00 | Date and Hour of Discovery 8-16-01, 14:00 | | | |
| Was Immediate Notice Given? | If YES, To Whom? Van Barton-OCD Artesia, Jim An | nos-BLM Carlsbad | | | |
| By Whom? Darrel Atkins | Date and Hour | | | | |
| Was a Watercourse Reached? | 8-17-01, 14:30 If YES, Volume Impacting the Watercourse. | | | | |
| If a Watercourse was Impacted, Describe Fully.* | | | | | |
| Lightning struck and burned tank battery. Area secured to insure saf responded. Fire controlled and extinguished . | ety of personnel and public. Atoka v | olunteer fire department | | | |
| Describe Area Affected and Cleanup Action Taken.* Area affected included lease road on the west side of tank battery and road. This area had a thin surface layer and spray of BS & W which came f departments efforts covered an area approximately 30 feet x 50 feet residue contained on location. | rom the burned gun barrel. Water a along and just outside the east fence | and residue as a result of the fire e around the battery . All of this | | | |
| Describe Area Affected and Cleanup Action Taken.* Area affected included lease road on the west side of tank battery and road. This area had a thin surface layer and spray of BS & W which came f departments efforts covered an area approximately 30 feet x 50 feet | rom the burned gun barrel. Water a along and just outside the east fence ater residue will be disced and treated he best of my knowledge and understant ase notifications and perform corrective port by the NMOCD marked as "Final and remediate contamination that pose a | and residue as a result of the fire e around the battery. All of this d on location. ad that pursuant to NMOCD rules e actions for releases which may Report" does not relieve the opera threat to ground water, surface | | | |
| Describe Area Affected and Cleanup Action Taken.* Area affected included lease road on the west side of tank battery and road. This area had a thin surface layer and spray of BS & W which came f departments efforts covered an area approximately 30 feet x 50 feet residue contained on location. Fire debris and residue will be removed from location. Remaining wa I hereby certify that the information given above is true and complete to th and regulations all operators are required to report and/or file certain releat endanger public health or the environment. The acceptance of a C-141 re of liability should their operations have failed to adequately investigate ar water, human health or the environment. In addition, NMOCD acceptance | rom the burned gun barrel. Water a along and just outside the east fence ater residue will be disced and treated the best of my knowledge and understant ase notifications and perform corrective port by the NMOCD marked as "Final and remediate contamination that pose a see of a C-141 report does not relieve th OIL CONSERVA | and residue as a result of the fire e around the battery . All of this d on location. ad that pursuant to NMOCD rules e actions for releases which may Report" does not relieve the opera threat to ground water, surface | | | |
| Describe Area Affected and Cleanup Action Taken.* Area affected included lease road on the west side of tank battery and road. This area had a thin surface layer and spray of BS & W which came f departments efforts covered an area approximately 30 feet x 50 feet residue contained on location. Fire debris and residue will be removed from location. Remaining wa I hereby certify that the information given above is true and complete to th and regulations all operators are required to report and/or file certain releat endanger public health or the environment. The acceptance of a C-141 re of liability should their operations have failed to adequately investigate ar water, human health or the environment. In addition, NMOCD acceptance compliance with any other federal, state, or local laws and/or regulations. | rom the burned gun barrel. Water a along and just outside the east fence ater residue will be disced and treated the best of my knowledge and understant as notifications and perform corrective port by the NMOCD marked as "Final and remediate contamination that pose a se of a C-141 report does not relieve th | and residue as a result of the fire e around the battery . All of this d on location. and that pursuant to NMOCD rules e actions for releases which may Report" does not relieve the opera threat to ground water, surface e operator of responsibility for | | | |
| Describe Area Affected and Cleanup Action Taken.* Area affected included lease road on the west side of tank battery and road. This area had a thin surface layer and spray of BS & W which came f departments efforts covered an area approximately 30 feet x 50 feet residue contained on location. Fire debris and residue will be removed from location. Remaining wa I hereby certify that the information given above is true and complete to th and regulations all operators are required to report and/or file certain releat endanger public health or the environment. The acceptance of a C-141 re of liability should their operations have failed to adequately investigate ar water, human health or the environment. In addition, NMOCD acceptance compliance with any other federal, state, or local laws and/or regulations. | rom the burned gun barrel. Water a along and just outside the east fence ater residue will be disced and treated the best of my knowledge and understant ase notifications and perform corrective port by the NMOCD marked as "Final and remediate contamination that pose a see of a C-141 report does not relieve th OIL CONSERVA | and residue as a result of the fire e around the battery . All of this d on location. and that pursuant to NMOCD rules e actions for releases which may Report" does not relieve the opera threat to ground water, surface e operator of responsibility for | | | |

New Mexico Office of the State Engineer

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| |

| Township: 185 | Range: 25E | Sections: 31,32,33 | | |
|---------------------|---------------|--------------------|-------------------|----------------|
| NAD27 X: | Y: | Zone: | Search Radius: | and a constant |
| County: Ba | sin: | Num | ber: Si | uffix: |
| Owner Name: (First) | (I. | | OV D | |
| Owner Name. (First) | (La | ast)] | Non-Domest | tic O Domestic |
| | e Data Report | @ All | oth to Water Repo | |
| | e Data Report | @ All | | |

| Bsn | Tws | Rng | Sec | Zone | x | Y | Wells | (Depth Min | Water Max | Feet) Avg |
|-----|-----|-----|-----|------|---|---|-------|---------------|--------------|--------------|
| RA | 185 | 25E | 32 | | | | 1 | 300 | 300 | 300 |

Record Count: 1

| 08/17/01 | 14:19 3505 748 4585 | YATES PET ENG | 國 00 |
|----------|---------------------|--|-------------|
| | | \cap | |
| | *** | ************************************** | |
| | TRANSMISSION OK | | |
| | TX/RX NO. | 8442 | |
| | CONNECTION TEL | 915052345927 | |
| | CONNECTION ID | | |
| | START TIME | 08/17 14:17 | |
| | USAGE TIME | 01'57 | |
| | PAGES | 2 | |
| | RESULT | ОК | |

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YATES PETROLEUM CORPORATION

105 S. 4th Street Artesia, NM 88210

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DATE: 8-17-01 FAX NUMBER OF PAGES INCLUDING COVER SHEET: TO: Jim Amos Coulshad -FROM: JEBRY ANNING JE VIRONMEN NiciAN 5909 PHONE: PHONE: 3 FAX: FAX: CC: **REMARKS**: Urgent □ Reply ASAP □ For Your Review Please Comment nue antice find repe Received by Released to

| 08/17/01 | 14:24 3505 748 458 | 5 YATES PET ENG | 团 001 |
|----------|--------------------|--|-------|
| | 0 | \cap | |
| | *** | ************************************** | |
| | TRANSMISSION OK | | |
| | TX/RX NO. | 8444 | |
| | CONNECTION TEL | 97489720 | |
| | CONNECTION ID | | |
| | START TIME | 08/17 14:21 | |
| | USAGE TIME | 03'07 | |
| | PAGES | 2 | |
| | RESULT | ОК | |

.

YATES PETROLEUM CORPORATION

105 S. 4th Street Artesia, NM 88210

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Received by

8-17-01 DATE: FAX NUMBER OF PAGES INCLUDING COVER SHEET: Mike Stubble field TO: FROM: TANNING JR, JERRY ATESIA OCD ETROLEUM Corp. NVIAONMENTAL Field Tech NiciAN NM 17 50 PHONE: PHONE: 4195 -4654 FAX: 9 MU 12 8 FAX: 505-CC: REMARKS: Urgent □ For Your Review □ Reply ASAP Please Comment 2ent Ains

Released to Intraging: 53602025 9208241 AM





August 31, 2022

Appendix C Internal YPC Spill Report/Photos



BREAKS, SPILLS AND LEAKS REPORT

Released to Imaging: 5/30/2023 9:08:41 AM

| Name of well or facility:FF0^AB''ABB''ABB''AVK TBA HERY Location:Sw Sw Section 32 Township [65 Range 256 County:FDY | PERSON REPORTING DARRELL RON JIM AMOS -BUN VAN BARTON - OCD |
|--|---|
| Location: $SW SV$ Section $S2$ Township KS Range $2SE$ County: $FDDY$ Surface owner: Mineral owner: Fee Federal State 2. TIME OF INCIDENT: Mineral owner: Fee Federal State 2. TIME OF INCIDENT: Time: 2:01 and fpm Time Reported: 2:50 and pm Supervisor's Name (Person Incident was Report to) Supervisor's Name (Person Incident was Report to) 3. SOURCE AND CAUSE: LIGHTNING 4. TYPE OF DISCHARGE: Supervisor's Name (Person Incident Was Report to) 3. SOURCE AND CAUSE: LIGHTNING 4. TYPE OF DISCHARGE: Supervisor's Name (Person Incident Was Report to) 5. QUANTITY: Estimated Volumes Discharged: Barrels of Oil M Barrels of Water Barrels of M | 1. LOCATION: |
| Surface owner: | Name of well or facility: FED "AB" ABB" TANK BA MERY |
| 2. TIME OF INCIDENT: Date: | Location:, SW SW Section 32 Township 185 Range 258 County: FDDV |
| Date: $\frac{1}{2}$ Time: $\frac{1}{2}$ $\frac{1}{2}$ Time: $\frac{1}{2}$ $\frac{1}{2$ | Surface owner: Mineral owner: Fee Federal State |
| Supervisor's Name (Person Incident was Report to) 3. SOURCE AND CAUSE: LIGHTNING 4. TYPE OF DISCHARGE: Crude Oil Crude Oil Condensate Produced Water Gas Other S. QUANTITY: Estimated Volumes Discharged: Barrels of Oil Barrels of MCF Gas Estimated Volumes Recovered: O Barrels of Oil Barrels of So STE CHARACTERISTICS: Weather Conditions: Soil Type and Condition: CALLAR Miscellaneous: 7. IMMEDIATE CORRECTIVE ACTION: | 2. TIME OF INCIDENT: |
| Supervisor's Name (Person Incident was Report to) 3. SOURCE AND CAUSE: LIGHTNING 4. TYPE OF DISCHARGE: Crude Oil Crude Oil Condensate Produced Water Gas Other S. QUANTITY: Estimated Volumes Discharged: Barrels of Oil Barrels of MCF Gas Estimated Volumes Recovered: O Barrels of Oil Barrels of So STE CHARACTERISTICS: Weather Conditions: Soil Type and Condition: CALLAR Miscellaneous: 7. IMMEDIATE CORRECTIVE ACTION: | Date: 8/16/01 Time: 2:00 am/pm Time Reported: 2:30 am/pm |
| 4. TYPE OF DISCHARGE: \Box Crude Oil \Box Condensate \Box Produced Water \Box Gas \Box Other \Box S 4 W \Box \Box Gas \Box Barrels of Oil \Box Barrels of Water \Box Barrels of \Box Barrels of Oil \Box Barrels of Water \Box Barrels of U \Box Barrels of Water \Box Barrels of \Box Barrels of \Box Barrels of \Box Barrels of Water \Box Barrels of U \Box Barrels of Water \Box Barrels of \Box | |
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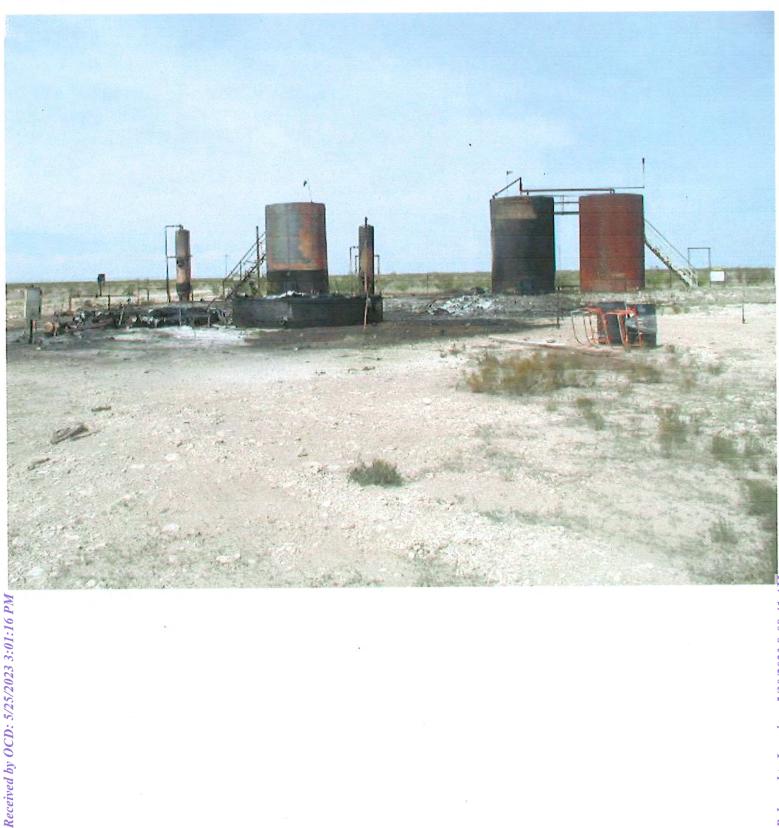
BREAKS, SPILLS AND LEAKS REPORT

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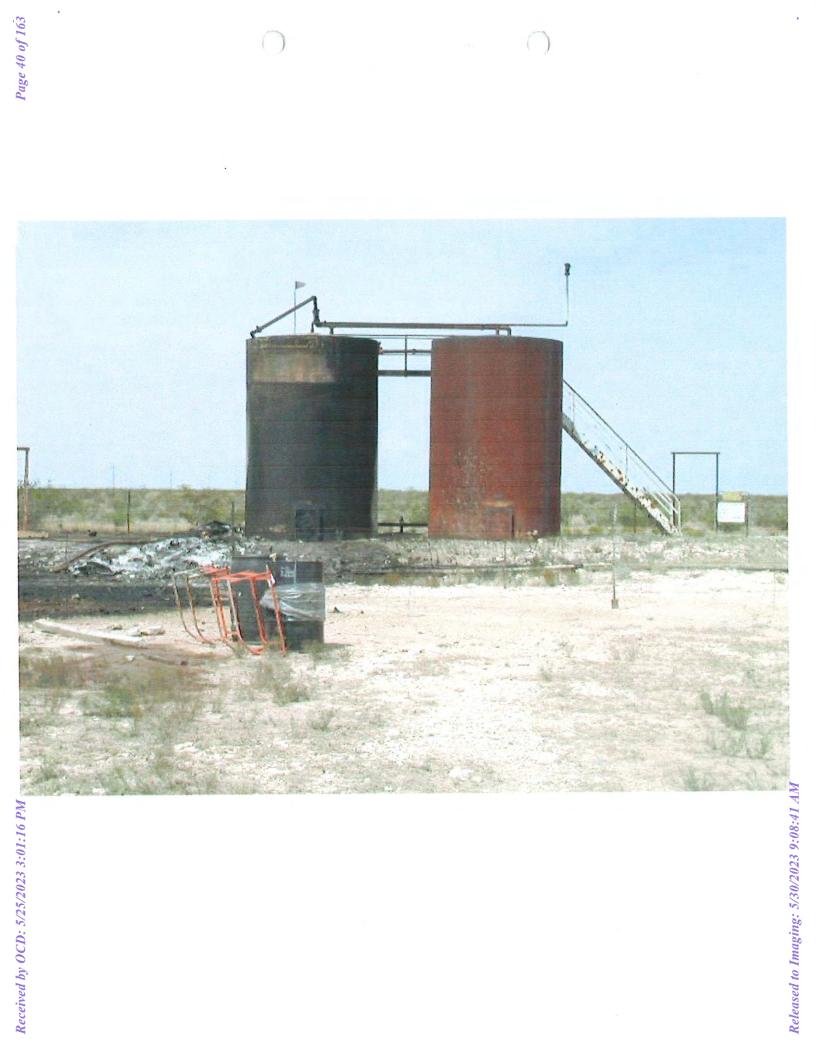
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Federal AB-B Battery Closure Report #nMCS0124838636



August 31, 2022

Appendix D 2019 Remediation Photos

2019 Release Images

Initial Images



Excavation Images









Federal AB-B Battery Closure Report #nMCS0124838636



August 31, 2022

Appendix E 2019 Remediation Closure Report

Hamlet, Robert, EMNRD

| From: | Hamlet, Robert, EMNRD |
|--------------|---|
| Sent: | Thursday, May 28, 2020 1:45 PM |
| То: | Katie Jamison |
| Cc: | Bratcher, Mike, EMNRD; Venegas, Victoria, EMNRD; Eads, Cristina, EMNRD; CFO_Spill, BLM_NM |
| Subject: | Closure Approval - EOG - Federal AB B Battery - (Incident #NRM1932255004) (2RP-5701) |
| Attachments: | Closure Approval - EOG - Federal AB B Battery.pdf |

Katie,

We have received your closure report and final C-141 for Incident #NRM1932255004 Federal AB B Battery, thank you. This closure is approved.

Please let me know if you have any further questions.

Regards,

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.

eog resources

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

January 17, 2020

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

Re: Federal AB B Battery M-32-18S-25E Eddy County, NM 2RP-5701

EOG Resources, Inc. is submitting the enclosed Closure Report for the above referenced site. The report is being submitted accompanying the C-141 Final.

EOG Resources Inc. requests closure.

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

Respectfully,

Chan Settle

Chase Settle Rep Safety & Environmental II EOG Resources, Inc.

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January 17, 2020

EOG Resources, Inc.

Federal AB B Battery

Closure Report

M-32-18S-25E

Eddy County, NM

January 17, 2020

2RP-5701

energy opportunity growth

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January 17, 2020

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| III. | Surface and Ground Water | 1 |
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| V. | Soils | 2 |
| VI. | Remediation Work | 2 |

Tables:

Table 1: Soil Analytical Data

Figures:

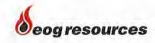
Figure 1: Site Map with Sample Points

Photos

Appendices:

- Appendix A: Depth to Groundwater Information
- Appendix B: NRCS Soil Classification
- Appendix C: 100 Year Floodplain Map
- Appendix D: Laboratory Soil Data

Appendix E: Form C-141



1. Location

From the intersection of Hwy 285 and West Kincaid Ranch Road (CR 38), head west for 8 miles, then take the lease road north and follow main lease road for 2,870 feet to the location.

H. Background

On October 18, 2019, EOG Resources, Inc. submitted to the NMOCD District II office a Form C-141 for the release of 1 B/CO and 19 B/PW with 1 B/CO recovered, which occurred on October 11, 2019. This release was caused by high winds breaking the water leg on a 40 barrel capacity 3-Phase Vertical Separator. A vacuum truck was called to recover the standing fluid and a backhoe crew was contracted to excavate visually impacted soils. Excavated soils were sent to a NMOCD approved disposal facility during the initial excavation activities. Initial soil sampling was conducted October 17, 2019, after providing notice of sampling to NMOCD and BLM on October 14, 2019. Based on sample results from the third party laboratory used for analysis, further excavation of the site was undertaken on November 14, 2019, with notification provided to NMOCD and BLM on November 12, 2019. Following this sampling event, the excavation depth and size was again increased based on the laboratory results. Sampling again occurred on December 12, 2019, with notification provided to NMOCD and BLM on December 9, 2019. Further excavation work was completed based on the results of the December 12, 2019, sampling activities. On January 7, 2020, notification of sampling was provided to NMOCD and BLM for January 9, 2020. Also on January 7, 2020, EOG requested an extension from NMOCD for the Closure Report, which was approved the same day. All soil samples were sent to a third party laboratory for analysis and laboratory reports are included as Appendix D.

III. Surface and Ground Water

Area geology is Cenozoic Quaternary. Based on information from the New Mexico Office of the State Engineer, there wasn't sufficient data from the United States Geological Survey National Water Information System (USGS), regarding this location (Section 32, T18S-R25E), depth to aroundwater was determined to be 303 feet with the nearest water wells being approximately 0.85 mile to the north and 0.77 mile to the southeast. The site sits between the 2 water well sites, with the north well having a groundwater depth of 300 feet. The southeast well has a groundwater depth of 305 feet.

Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of surface water being Brantley Lake at approximately 9.5 miles away. The site is located outside of critical karst areas and outside of the 100-year floodplain.

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 | 2,500 mg/kg |
| GRO + DRO | |
| Chlorides | 20,000 mg/kg |
| GRO + DRO | 1,000 mg/kg |



V. Soils

USDA Natural Resources Conservation Service (NRCS) classifies soil in the area as Upton-Reagan, with 0-9% slopes.

VII. Remediation Work

Initial excavation of the site began on October 11, 2019. Activities included the removal of saturated and visibly impacted soils with those soils being hauled to a NMOCD approved disposal facility. The site was excavated to a depth of two (2) to three (3) feet with initial horizontal edges also determined by the initial excavation. Vertical delineation sampling was then conducted within the release area, which provided further vertical excavation guidance, including the removal of the production tanks and equipment within the battery once staining was discovered re-emerging from below the tanks between excavation activities. Confirmation vertical and horizontal sampling was then conducted after those excavation activities were complete. These samples displayed that there was need for more excavation vertically, as well as horizontally. Sample activities conducted December 12, 2019, identified that only 2 areas required further excavation. One horizontal area had not met the guidance of 19.15.29.13 NMAC with a resulting chloride concentration of 656 mg/kg, and one area needed further vertical excavation due to DRO concentration of 1500 mg/kg. The sidewall excavation was extended an additional foot and the vertical area was excavated an additional half foot. The confirmation samples collected on January 9, 2020, confirmed that all vertical sample results had achieved the Table 1 standards, and horizontal sample results confirmed that all sidewalls were within the guidelines for 19.15.29.13. All horizontal samples were collected by way of 5-point composite samples, and no vertical or horizontal samples were representative of more than 200 square feet.

All excavated soils were hauled to an NMOCD approved facility for disposal and the backfill for the site consists of locally sourced, clean, non-contaminated caliche soils of a similar type as was removed. This release occurred within the berm of an active production facility, therefore no revegetation efforts will be undertaken in the remediation of this release.

The C-141 Final is included with this closure report, EOG Resources, Inc. requests closure.

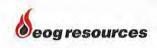


January 17, 2020

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Table 1Soil Analytical Data

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January 17, 2020

Soil Analytical Data

| Sample ID | Depth (ft. bgs) | Date | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH (GRO) | TPH (DRO) | TPH EXT DRO | Total TPH | Chlorides |
|--------------|-----------------------|----------|---------|---------|--------------|---------|---------|--------------|--------------|-------------------|--------------|-----------|
| V1-2' | 2' | 10/17/19 | <2.00 | 11.5 | 38.3 | 90 | 140 | 2760 | 12900 | 2320 | 17980 | 112 |
| V1-3' | 3' | 10/17/19 | <2.00 | 15.7 | 43.6 | 117 | 176 | 2750 | 11800 | 2170 | 16720 | 208 |
| V1-4' | 4' | 10/17/19 | < 0.050 | < 0.050 | 0.057 | <0.150 | < 0.300 | <10.0 | 10.2 | 12.4 | 22.6 | 352 |
| V1C-3.5' | 3.5' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| V2-3' | 3' | 10/17/19 | < 0.500 | 1.74 | 8.51 | 23.9 | 34.2 | 1180 | 14400 | 5130 | 20710 | 1410 |
| V2-4' | 4' | 10/17/19 | < 0.050 | < 0.050 | <0.050 | 0.194 | < 0.300 | 96.6 | 2960 | 1060 | 4116.6 | 128 |
| V3-1' | 1' | 10/17/19 | < 0.050 | < 0.050 | 0.219 | 1.26 | 1.48 | 82.3 | 3320 | 685 | 4087.3 | 2840 |
| V3-2' | 2' | 10/17/19 | < 0.050 | < 0.050 | 0.544 | 0.620 | 1.16 | <10.0 | 398 | 105 | 503 | 240 |
| V3-2.5' | 2.5' | 10/17/19 | < 0.050 | < 0.050 | 0.171 | 0.340 | 0.511 | 29.8 | 554 | 165 | 748.8 | 48 |
| V4-1' | 1' | 10/17/19 | < 0.500 | 4.38 | 10.1 | 25.1 | 39.5 | 746 | 17900 | 3510 | 22156 | 10800 |
| V4-1.25' | 1.25' | 10/17/19 | < 0.500 | < 0.500 | 9.76 | 22.9 | 32.6 | 609 | 4060 | 599 | 5268 | 1330 |
| V5-2' | 2' | 10/17/19 | < 0.500 | 7.97 | 19.2 | 41.9 | 69 | 933 | 11600 | 2060 | 14593 | 7360 |
| V5-2.25' | 2.25' | 10/17/19 | < 0.050 | < 0.050 | 0.071 | 0.173 | <0.300 | <10.0 | 27.4 | <10.0 | 27.4 | 80 |
| V6-2' | 2' | 10/17/19 | 9.29 | 189 | 158 | 274 | 631 | 3740 | 10100 | 1400 | 15240 | 5440 |
| V6-2.25' | 2.25 | 10/17/19 | 0.070 | 0.962 | 0.992 | 1.93 | 3.96 | 66.9 | 488 | 64.5 | 619.4 | 752 |
| V1C-3.5' | 3.5' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| V2C-3.5' | 3.5' | 11/14/19 | < 0.050 | < 0.050 | 0.060 | 0.165 | < 0.300 | 60.8 | 7360 | 1740 | 9160.8 | 96 |
| V2C-4' | 4' | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | 1500 | 572 | 2072 | 144 |
| V2C-4.5' | 4.5 | 01/09/20 | < 0.050 | < 0.050 | < 0.050 | < 0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 736 |
| V3C-2' | 2' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 524 | 177 | 701 | 128 |
| V4C-1.5 | 1.5' | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | 277 | 127 | 404 | 448 |
| V5C-2.5' | 2,5' | 11/14/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 22.6 | <10.0 | 22.6 | 432 |
| V6C-2.5' | 2.5' | 11/14/19 | <0.100 | 1.28 | 3.19 | 9.88 | 14.3 | 253 | 1660 | 239 | 2152 | 720 |
| V6C-3' | 3' | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 197 | 176 | 373 | 336 |
| V7C-7.5' | 7.5' | 11/14/19 | 9,83 | 93.1 | 85.0 | 192 | 379 | 4440 | 16200 | 2270 | 22910 | 80 |
| V7C-9' | 9' | 12/12/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 416 |
| V8C-7.5' | 7.5' | 11/14/19 | <0.100 | 1.01 | 3.21 | 8.34 | 12.6 | 146 | 1190 | 167 | 1503 | 48 |
| V8C-9' | 9' | 12/12/19 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10,0 | 15.2 | <10.0 | 15.2 | 576 |
| H1 | 0-7.5 | 11/14/19 | <0.050 | < 0.050 | 0.089 | 0.290 | 0.379 | 13.1 | 1250 | 298 | 1561.1 | 480 |
| H1-2 | 0-9 | 12/12/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 560 |
| H2 | 0-7.5 | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | 10.2 | <10.0 | 10.2 | 224 |
| H3 | 0-3.5 | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | <0.300 | <10.0 | 965 | 384 | 1349 | 720 |
| H3-2 | 0-4 | 12/12/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 432 |
| H4 | 0-1.5 | 11/14/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 149 | 74.8 | 223.8 | 1170 |
| H4-2 | 0-1.5 | 12/12/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| H5 | 0-2.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 98.8 | 50.9 | 149.7 | 448 |
| H6 | 0-2.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 150 | 36.9 | 186.9 | 384 |
| H7 | 0-2.5 | 11/14/19 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 432 | 341 | 773 | 736 |
| H7-2 | 0-2.5 | 12/12/19 | <0.050 | <0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 80 |
| H8 | 0-2 | 11/14/19 | <0.050 | < 0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 104 | 47.8 | 151.8 | 192 |
| H9 | 0-3.5 | 11/14/19 | <0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | 664 | 372 | 1036 | 624 |
| H9-2 | 0-4 | 12/12/19 | < 0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 656 |
| H9-3 | 0-4.5 | 01/09/20 | <0.050 | < 0.050 | <0.050 | <0.150 | < 0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 528 |
| iH10 | 0-7.5 | 11/14/19 | < 0.050 | < 0.050 | < 0.050 | <0.150 | < 0.300 | <10.0 | 123 | 40.2 | 163.2 | 112 |



January 17, 2020

Figure 1 Site Map with Sample Points

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energy opportunity growth

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Photos



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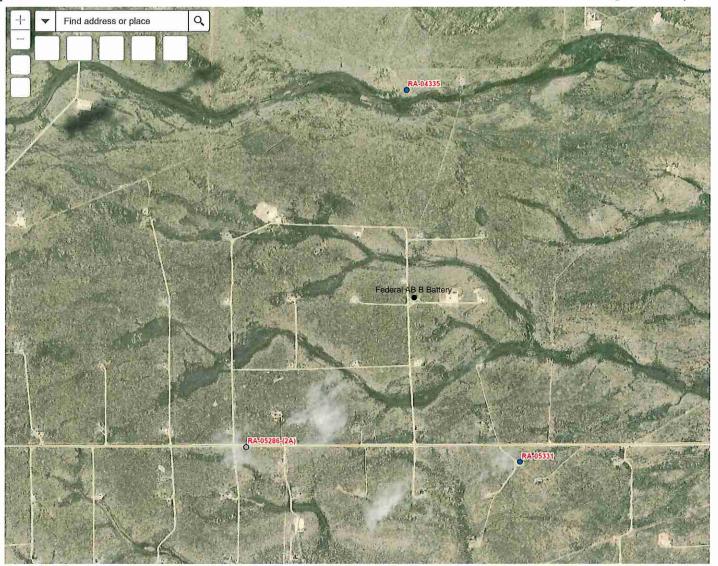


January 17, 2020

Appendix A Depth to Groundwater Information

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New Mexico Office of the State Engineer Water Column/Average Depth to Water

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| | | | | | | | | | Ma | | | Maximum Depth: | | |
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| Easting (X): 54 | 6308 | | North | ing (Y): | 3616 | 955 | | | Radius: 100 | | | | | |
| *UTM location was deriv | ed from PL | .SS - see | Help | | | | | | | | | | | |
| The data is furnished by t concerning the accuracy, | | | | | | | | | | B OSE/IS | SC make r | io warranties, e | expressed or | implied, |
| 1/13/20 11:16 AM | | | | | | | | | | WA | | UMN/ AVER | AGE DEPT | нто |



New Mexico Office of the State Engineer Water Column/Average Depth to Water

| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer | (R=POD has been replaced, O=orphaned, | | | | | | Marc | | 4.051 | | | | | | |
|--|---|-------------|--------|---------|--|-------|-------|--------|-----------------------|-----------|----------------------|------------------|--------------|----------|--|
| serves a water right file.) | C=the fi closed) | a file is | | | (quarters are 1=NW 2=NE (quarters are smallest to largest) | | | | 4=5E) NAD83 UTM in | | (In feet) | | | | |
| | | POD Sub- | | QQ | q | | | | | | | | V | Vater | |
| POD Number | Code | basin | County | 6416 | 4 50 | ec Tw | s Rn | a) | Y | Dista | nceDep | othWellDep | thWaterCo | olumn | |
| RA 04335 | | BA | CH | 1 | 1 3 | 2 18 | S 25E | 545580 | 3619275* | | 0 | 400 | 300 | 100 | |
| | | | | | | | | | Ave | erage De | rage Depth to Water: | | | 300 feet | |
| | | | | | | | | | | Min | imum De | pth: | 300 fe | et | |
| | | | | | | | | | Maximum Depth: | | pth: | 300 feet | | | |
| Record 1 Count: UTMNAD83 Radio | us Search | (in met | ers): | | | | | | | | | | | | |
| Easting (X): 54 | 5580 | | Nort | hing (Y |): 36 | 19275 | ē. | | Radius: 100 | | | | | | |
| 'UTM location was deriv | ed from PL | SS - see | Help | | | | | | | | | | | | |
| The data is furnished by t concerning the accuracy, | | | | | | | | | | he OSE/IS | SC make r | no warranties, i | expressed or | implied, | |
| 1/13/20 11:19 AM | | | | | | | | | | | TER COL | UMN/ AVER | AGE DEPT | нто | |



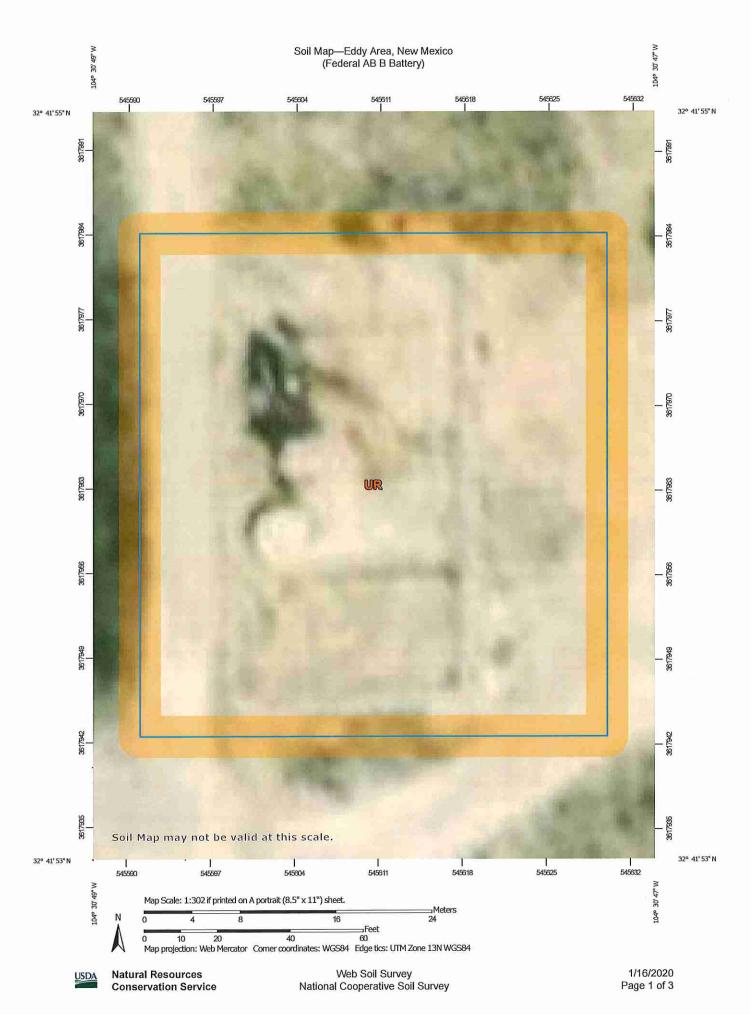
January 17, 2020

Appendix B NRCS Soil Classification

energy opportunity growth

Released to Imaging: 5/30/2023 9:08:41 AM

Received by OCD: 5/25/2028 3:01516 PMI



| Soil Map-Eddy Area, New Mexico |
|--------------------------------|
| (Federal AB B Battery) |

| | | | 100 BM 2 | The set of | | | |
|----------------------|---|-----------|-----------------------|---|--|--|--|
| Area of In | Area of Interest (AOI) | | Spoil Area | The soil surveys that comprise your AOI were mapped at 1:20,000. | | | |
| - | Alea of Interest (AOI) | 0 | Stony Spot | | | | |
| Solls | Soil Map Unit Polygons Soil Map Unit Lines | 03 | Very Stony Spot | Warning: Soil Map may not be valid at this scale, | | | |
| ~ | | \$ | Wet Spot | Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soi | | | |
| Soll Map Unit Points | | Δ | Other | line placement. The maps do not show the small areas of | | | |
| | Point Features | - | Special Line Features | contrasting soils that could have been shown at a more detaile scale. | | | |
| opeciai (0) | Blowout | Water Fea | atures | | | | |
| N | Borrow Pil | ~ | Streams and Canals | Please rely on the bar scale on each map sheet for map measurements. | | | |
| X | Clay Spot | Transpor | | Source of Map: Natural Resources Conservation Service | | | |
| 0 | Closed Depression | +++ | Rails | Web Soil Survey URL: | | | |
| | Gravel Pit | ~ | Interstate Highways | Coordinate System: Web Mercator (EPSG:3857) | | | |
| * | Gravelly Spot | ~ | US Routes | Maps from the Web Soil Survey are based on the Web Merca projection, which preserves direction and shape but distorts | | | |
| * | | and a | Major Roads | distance and area. A projection that preserves area, such as t | | | |
| 0 | Landfill | - | Local Roads | Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. | | | |
| ٨ | Lava Flow | Backgrou | | This product is generated from the USDA-NRCS certified date | | | |
| de | Marsh or swamp | Chief | Aerial Photography | of the version date(s) listed below. | | | |
| 索 | Mine or Quarry | | | Soil Survey Area: Eddy Area, New Mexico | | | |
| 0 | Miscellaneous Water | | | Survey Area Data: Version 15, Sep 15, 2019 | | | |
| 0 | Perennial Water | | | Soil map units are labeled (as space allows) for map scales | | | |
| v | Rock Outcrop | | | 1:50,000 or larger. | | | |
| + | Saline Spot | | | Date(s) aerial images were photographed: Nov 30, 2015-D 15, 2017 | | | |
| 22 | Sandy Spot | | | The orthophoto or other base map on which the soil lines were | | | |
| - | Severely Eroded Spot | | | compiled and digitized probably differs from the backgrou | | | |
| 0 | Sinkhole | | | imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. | | | |
| þ | Slide or Slip | | | | | | |
| ø | Sodic Spot | | | | | | |



Natural Resources Conservation Service Web Soll Survey National Cooperative Soll Survey 1/16/2020 Page 2 of 3

Map Unit Legend

| Totals for Area of Interest | | 0.4 | 100.0% |
|-----------------------------|--|--------------|----------------|
| UR | Upton-Reagan complex, 0 to 9 percent slopes | 0.4 | 100.0% |
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| | | | |

Released to Imaging: 5/30/2023 9:08:41 AM

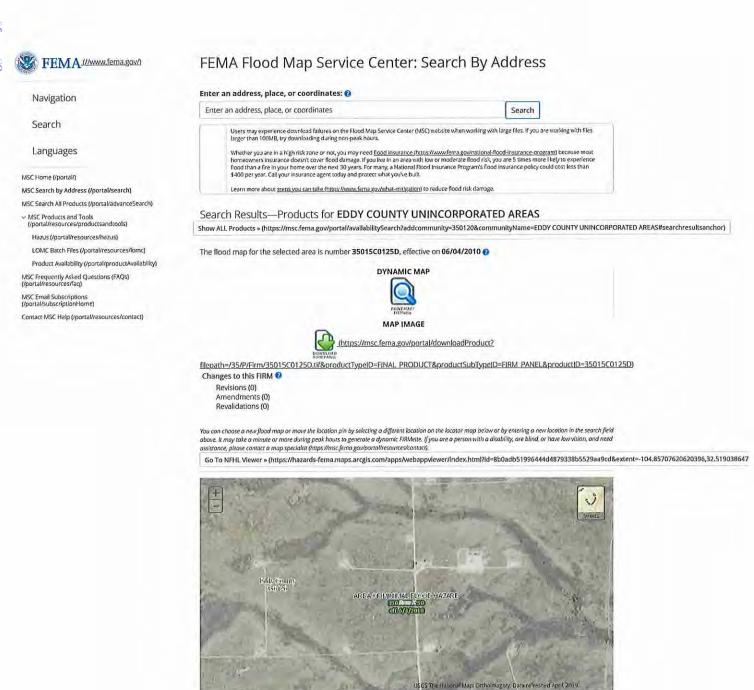
Federal AB B Battery Closure Report 2RP-5701



January 17, 2020

Appendix C 100 Year Floodplain Map

energy opportunity growth



Privacy Policy (//www.fema.gov/privacy-policy) FOJA (//www.fema.gov/foJa) Office of the Inspector General (//www.olg.dhs.gov/) Strategic Plan (//www.fema.gov/fema-strategic-plan) Whitehouse.gov (//www.whitehouse.gov) DHS.gov (//www.dhs.gov) Ready.gov (//www.ready.gov) USA.gov (//www.usa.gov) DisasterAssistance.gov (//www.disasterassistance.gov/)

Home (//www.fema.gov/) Download Plug-ins (//www.fema.gov/download-plug-ins) About Us (//www.fema.gov/about-agency)

Without Bass Flood Devetion (BFQ)

A

depth less there end foot areas of less than are so Fature Concoord 1% Ar Water Scriebe Broases Gestes Inseect Base Flood Einschen Line (B/E) Linnt ef Mosty Juris-Schon Boundary

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🛷 Share This Page.

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

Official website of the Department of Homeland Security

Federal AB B Battery Closure Report 2RP-5701



January 17, 2020

Released to Imaging: 5/30/2023 9:08:41 AM



energy opportunity growth



October 22, 2019

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

RE: FEDERAL AB - B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/17/19 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited 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.

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,

Celeg D. Keene

Celey D. Keene Lab Director/Quality Manager

Page 1 of 18



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 1 - 2' (H903558-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2,00 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 11.5 | 2.00 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 38.3 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 90.0 | 6.00 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 140 | 12.0 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 105 | % 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 | 112 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | _ | | | _ | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 2760 | 50.0 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DR0 >C10-C28* | 12900 | 50.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 2320 | 50.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 457 5 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 482 9 | 37.6-14 | 7 | | | | | | |

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Celey D.K.

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 18



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 1 - 3' (H903558-02)

| BTEX 8021B | mg/l | kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 15.7 | 2.00 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0,633 | |
| Ethylbenzene* | 43.6 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 117 | 6.00 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 176 | 12.0 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 107 % | 6 73.3-129 | n | | | | | | |
| Chloride, SM4500Cl-B | mg/l | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/l | kg | Analyze | d By: MS | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 2750 | 50.0 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DRO >C10-C28* | 11800 | 50.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 2170 | 50.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 448 % | 6 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 443 % | 37.6-147 | | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

Page 3 of 18



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 1 - 4' (H903558-03)

| mg, | /kg | Analyze | d By: BF | | | | | |
|--------|--|--|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| <0.050 | 0,050 | 10/20/2019 | ND | 2.09 | 104 | 2,00 | 0.633 | |
| 0.057 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| <0.150 | 0.150 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| <0.300 | 0.300 | 10/20/2019 | ND | | | | | |
| | Result <0.050 <0.050 0.057 <0.150 | <0.050 0.050 <0.050 0.050 0.057 0.050 <0.150 0.150 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

Surrogate: 4-Bromofluorobenzene (PIL 99.5 % 73.3-129

| Chloride, SM4500Cl-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 | 10/21/2019 | 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 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DR0 >C10-C28* | 10.2 | 10.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 12.4 | 10.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 86.4 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 2 - 3' (H903558-04)

| BTEX 8021B | mg/ | kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 1.74 | 0.500 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 8.51 | 0,500 | 10/20/2019 | ND | 2.02 | 101 | 2,00 | 1.59 | |
| Total Xylenes* | 23.9 | 1.50 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 34.2 | 3.00 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 108 % | 6 73.3-129 | 1 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | _ |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1410 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 1180 | 100 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DR0 >C10-C28* | 14400 | 100 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 5130 | 100 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 293 % | 6 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 637 % | 6 37.6-147 | , | | | | | | |

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Celeg D.Ken

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 2 - 4' (H903558-05)

| BTEX 8021B | mg | /kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0,404 | |
| Toluene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.09 | 104 | 2,00 | 0.633 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 0.194 | 0.150 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 111 9 | 6 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 | 128 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | S-04 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 96,6 | 10.0 | 10/19/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DRO >C10-C28* | 2960 | 10.0 | 10/19/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 1060 | 10.0 | 10/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 \$ | % 41-142 | 21 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 187 9 | 37.6-14 | 7 | | | | | | |

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Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 18



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 3 - 1' (H903558-06)

| BTEX 8021B | mg/ | kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 0.219 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 1.26 | 0.150 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 1.48 | 0.300 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 115 9 | 6 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 | 2840 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 82.3 | 50.0 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DR0 >C10-C28* | 3320 | 50.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 685 | 50.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 1419 | 6 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 222 9 | 6 37.6-14 | 7 | | | | | | |

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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 3 - 2' (H903558-07)

| BTEX 8021B | mg/ | kg | Analyzed By: BF | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 0.544 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 0.620 | 0.150 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 1.16 | 0.300 | 10/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 120 % 73.3-129

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 10/21/2019 | 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 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DR0 >C10-C28* | 398 | 10.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 105 | 10.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 3 - 2.5' (H903558-08)

| BTEX 8021B | mg/kg | | Analyze | Analyzed By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 0.171 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 0.340 | 0.150 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 0,511 | 0.300 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 107 9 | 6 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 | Qualifie |
| Chloride | 48.0 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| 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* | 29.8 | 10.0 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DRO >C10-C28* | 554 | 10.0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 165 | 10.0 | 10/18/2019 | ND | | | | | |

 Surrogate:
 1-Chlorooctane
 93.2 %
 41-142

 Surrogate:
 1-Chlorooctadecane
 112 %
 37.6-147

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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 4 - 1' (H903558-09)

| BTEX 8021B | mg, | /kg | Analyze | Analyzed By: BF | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 4.38 | 0.500 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 10.1 | 0,500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 25.1 | 1.50 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 39.5 | 3.00 | 10/20/2019 | ND | | | | | |
| | | | | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 106 % 73.3-129

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 10800 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | - | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 746 | 50.0 | 10/18/2019 | ND | 208 | 104 | 200 | 3.40 | |
| DRO >C10-C28* | 17900 | 50,0 | 10/18/2019 | ND | 200 | 100 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 3510 | 50.0 | 10/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 292 | % 41-142 | 5 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 686 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 4 - 1.25' (H903558-10)

| BTEX 8021B | mg, | mg/kg | | Analyzed By: BF | | | | _ | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | <0.500 | 0.500 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 9.76 | 0.500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 22,9 | 1.50 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 32.6 | 3.00 | 10/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 112 % 73.3-129

212%

37.6-147

| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1330 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | S-06 | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | 609 | 50.0 | 10/19/2019 | ND | 214 | 107 | 200 | 1.79 | QM-07 | |
| DRO >C10-C28* | 4060 | 50.0 | 10/19/2019 | ND | 209 | 104 | 200 | 0.107 | QM-07 | |
| EXT DRO >C28-C36 | 599 | 50.0 | 10/19/2019 | ND | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager



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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 5 - 2' (H903558-11)

| BTEX 8021B | mg, | /kg | Analyze | d By: BF | | | | | _ |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 7.97 | 0.500 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 19.2 | 0,500 | 10/20/2019 | ND | 2.02 | 101 | 2,00 | 1.59 | |
| Total Xylenes* | 41.9 | 1.50 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 69.0 | 3.00 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 109 | % 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 | 7360 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 933 | 50.0 | 10/19/2019 | ND | 214 | 107 | 200 | 1.79 | |
| DR0 >C10-C28* | 11600 | 50.0 | 10/19/2019 | ND | 209 | 104 | 200 | 0,107 | |
| EXT DRO >C28-C36 | 2060 | 50.0 | 10/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 200 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 418 | % 37.6-14 | 17 | | | | | | |

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| 10/17/2019 | Sampling Date: | 10/17/2019 | |
|------------------------|--|--|--|
| 10/22/2019 | Sampling Type: | Soil | |
| FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact | |
| NONE GIVEN | Sample Received By: | Jodi Henson | |
| FEDERAL AB-B BATTERY | | | |
| | 10/22/2019 FEDERAL AB - B BATTERY NONE GIVEN | 10/22/2019Sampling Type:FEDERAL AB - B BATTERYSampling Condition:NONE GIVENSample Received By: | 10/22/2019Sampling Type:SoilFEDERAL AB - B BATTERYSampling Condition:Cool & IntactNONE GIVENSample Received By:Jodi Henson |

Sample ID: V 5 - 2.25' (H903558-12)

| BTEX 8021B | mg/ | /kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | <0.050 | 0.050 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 0.071 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 0.173 | 0,150 | 10/20/2019 | ND | 6,06 | 101 | 6.00 | 1.11 | |
| Total BTEX | <0.300 | 0.300 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 101 | % 73.3-129 |) | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 10/21/2019 | ND | 432 | 1.08 | 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 | 10/19/2019 | ND | 214 | 107 | 200 | 1.79 | |
| DR0 >C10-C28* | 27.4 | 10.0 | 10/19/2019 | ND | 209 | 104 | 200 | 0.107 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 | % 37.6-147 | | | | | | | |

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| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 6 - 2' (H903558-13)

| BTEX 8021B | mg | /kg | Analyze | d By: BF | _ | | | | |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 9.29 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 189 | 2.00 | 10/20/2019 | ND | 2.09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 158 | 2.00 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 274 | 6.00 | 10/20/2019 | ND | 6.06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 631 | 12.0 | 10/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

358 %

37.6-147

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|---------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 5440 | 16.0 | 10/21/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 3740 | 50.0 | 10/19/2019 | ND | 214 | 107 | 200 | 1.79 | |
| DRO >C10-C28* | 10100 | 50.0 | 10/19/2019 | ND | 209 | 104 | 200 | 0.107 | |
| EXT DRO >C28-C36 | 1400 | 50.0 | 10/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 282 | % 41-142 | | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celley D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 10/17/2019 | Sampling Date: | 10/17/2019 |
|------------------------|------------------------|---------------------|---------------|
| Reported: | 10/22/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | FEDERAL AB-B BATTERY | | |
| and the second strends | | | |

Sample ID: V 6 - 2,25' (H903558-14)

| BTEX 8021B | mg/ | kg | Analyze | d By: BF | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.070 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 0.404 | |
| Toluene* | 0.962 | 0.050 | 10/20/2019 | ND | 2,09 | 104 | 2.00 | 0.633 | |
| Ethylbenzene* | 0.992 | 0.050 | 10/20/2019 | ND | 2.02 | 101 | 2.00 | 1.59 | |
| Total Xylenes* | 1.93 | 0.150 | 10/20/2019 | ND | 6,06 | 101 | 6.00 | 1.11 | |
| Total BTEX | 3.96 | 0.300 | 10/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 9 | 6 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 | 752 | 16.0 | 10/21/2019 | 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* | 66,9 | 10.0 | 10/19/2019 | ND | 214 | 107 | 200 | 1.79 | |
| DRO >C10-C28* | 488 | 10.0 | 10/19/2019 | ND | 209 | 104 | 200 | 0.107 | |
| EXT DRO >C28-C36 | 64.5 | 10.0 | 10/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 9 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 9 | 37.6-14 | 7 | | | | | | |

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Celeg D.

Celey D. Keene, Lab Director/Quality Manager

Page 15 of 18



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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. |
|-------|--|
| 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. |
| 4 | 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 |

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 5/30/2023 9:08:41 AM

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Page 17 of 18

101 East Marland, Hobbs, NM 88240 ARDINAL LABORATORIES

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

(lab use only) ORDER #: Special Instructions: Relinquished by: Relinquished by: Keindnisbag V2-3" V14 V3-2' V2-4 V3-1" V1-3" Company Name V4-1.25' V4-1' V3-2.5 V1-2" Sampler Signature: Telephone No: City/State/Zip: Company Address: 104 South 4th Street Project Manager: H903558 FIELD CODE EOG Resources Inc. Chase Settle 575-748-147 Artesia, NM 88210 TPH EXTENDED NEEDED 10-17-19 Date Date Date **Beginning Depth** V 5 Ime Ime ime Ending Depth Received by ELOT: Received by: 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 10/17/2019 Date Sampled ved by: 8:47 AM 8:24 AM 8:42 AM 8:29 AM 8:26 AM 8:25 AM 8:39 AM 8:36 AM 8:31 AM 8:33 AM Fax No: e-mail: **Time Sampled** Field Filtered 104C Chase Settle@eogresources.com Total #. of Containers ----4 -4 --× × × × × × × × × × Ice Preservation & # of Containers HNO3 HCI H2SO4 NaOH Na2S203 None 10/17/19 Olher (Specify) Date Date Date DW=Drinking Water SL=Sludge Matrix Report Format: S S S S S S 0 0 S \$ GW = Groundwater S=Soll/Solid Project Name: NP=Non-Potable Specify Other 14:53 Project Loc: Time 8015B EXTENDED Project #: × × × × × × × × × × TPH: Time Ime TX 1005 TX 1006 TPH: PO #: 205-0750 Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Calions (Ca, Mg, Na, K) Temperature Upon Receipt 1.8 Sample Containers Intact? VOCs Free of Headspace? Laboratory Comments: Received by OCD: 5/25/2028 3:01:16 PMA × Standard Anions (CI, SO4, Alkalinity) TOTAL: TCLP: SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Se Analyze For: Volatiles Federal AB-B Battery Federal AB-B Battery Semivolatiles BTEX: 8021B × × × × × × × × × × TRRP DHL RCI N.O.R.M. Chlorides × × × × × × × ×× × 1 ~~} SAR NPDES Lone Sta zzzadz z RUSH TAT (Pre-Schedule) 24, 48, 72 hrs ô × × Standard TAT × × × × × × × ×

AB # (lab use only)

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|--------------------------|---|---|--|-----------------------|----|---|---|---|------------|------------|------------|------------|---|---------------------|----------------|--------------------|----------------|-------------------|---------------------------------------|--------------------|----------------------|---|
| hed by: | lied by. | | bed by: | Special Instructions: | | | | | V6-2.25' | V6-2' | V5-2.25' | V5-2' | FIELD | - ² # | only) | Sampler Signature: | Telephone No: | City/State/Zip: | Company Address: 104 South 4th Street | Company Name | Project Manager: | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM |
| Date | Date | 10-17-19 | Date | TPH EXTENDED NEEDED | | | | | | | | | FIELD CODE | | | 2 | 575-748-1471 | Artesia, NM 88210 | 104 South 4th Street | EOG Resources Inc. | Chase Settle | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 |
| 1 | - | N | _ | NEE | | | | | | | | | Beginning Depth | | | | | | | | | |
| Time | lime | 53 | 1 | DED | | | | | | | | | Ending Depth | | | | | | | | | |
| Received by ELOT: | Régeived by: | hadi | Descrifted has | | | | | | 10/17/2019 | 10/17/2019 | 10/17/2019 | 10/17/2019 | Date Sampled | | | | | | | | | (505) 393-2326 FAX (505) 393-2476 |
| T: | | Stew. | | | | | | | 8:57 AM | 8:50 AM | 9:12 AM | 8:58 AM | Time Sampled | | | e-mail: | Fax No: | | | | | i FAX (505) 393 |
| | | F | | - | - | | | | - | _ | | | Field Fillered | | | 10 | 1 | | | | | -2476 |
| | | 2 | - | - | - | | | | × | × | × | × | Total #, of Containers | + | | Chase | | | | | | |
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| | | | | - | + | _ | - | + | - | - | _ | _ | NaOH Na ₂ S ₂ O ₃ | | | Dec | | | | | | AIN |
| - | - | 10 | | - | - | - | - | | - | - | - | - | None | Containers | | ogre | | | | | | S. |
| D | D | | | | | | | | - | | | | Olher (Specify) | ers | | oso | | | | | | cu |
| Date | Dafte | Date | | | | | | 4 | n 1 | 0 | s | s | DW=Drinking Water SL=Sludge GW = Groundwater S=SolVSolid NP=Non-Polable Specify Olher | Matrix | | eogresources.com | Report Format: | 1 | | | Pr | CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST |
| Time | Time | Time 14:53 | | E | | | | > | < ; | × | × | × | TPH: 8015B EXTENDED | | TT | B | tFor | | Project Loc: | Pr | Project Name: | ECC |
| | (0) | | < (0) | _ | | | | | _ | | | - | TPH: TX 1005 TX 1006 | | | | mat | PO # | ctL | Project #: | Nan | DRD |
| em o | , b | abe | ami OC: | abo | | - | | | - | - | - | - | Callons (Ca, Mg, Na, K) | _ | | | | | ñ | # | ne: | AN |
| y co | y Sal | ls or ody s | Sample Containers Intact? VOCs Free of Headspace? | Laboratory Comments: | - | | - | - | - | - | - | - | Anions (CI, SO4, Alkalinity) | ICIAL | TCLP: | | x Standard | 205-0750 | | | | DA |
| uner | mplei | eals eals | ionta e of | 2 | - | - | - | | - | - | - | - | ARTESPICEC Aelais: As Ag Ba Cd Cr Pb Hg | 200 100 | | | tand | 750 | | | | NA |
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| Temperaturé Ubon Receipt | Sample Hand Delivered by Sampler/Client Rep. ? | Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) | ce? | | | | | > | < > | < > | < ; | × E | TEX: 8021B | | 9 | | | | ral / | | ral | REQ |
| DHL | 2 | (s) | | | | 1 | | | | | | F | RCI | | | | TRRP | | ederal AB-B | | AB-I | UE |
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| edE | 00 | < | KA | - | 12 | | - | 7 | < > | < > | < > | - | hlorides | | _ | | | | Battery | | Federal AB-B Battery | |
| | 1000 | | 19 | F | + | - | - | | + | - | - | 2 | SAR | | - | | NPDES | | Y | | × | |
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| tar | | | | | | | | × | : > | <> | <> | - | tandard TAT | | | | S | | | | | |



November 25, 2019

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

RE: FEDERAL AB - B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/18/19 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by www.tceq.texas.gov/field

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.

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,

mite Sigh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager

Page 1 of 11



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 1C - 3.5' (H903912-01)

Analyzed By: MS **BTEX 8021B** mg/kg RPD Qualifier True Value QC **Reporting Limit** Analyzed Method Blank BS % Recovery Analyte Result 2.00 2.37 ND 1.80 90.1 0.050 11/20/2019 < 0.050 Benzene* 0.050 11/20/2019 ND 1.78 89.1 2.00 2.44 <0.050 Toluene* < 0.050 0.050 11/20/2019 ND 1.82 90.8 2.00 2.24 Ethylbenzene* 2.79 ND 5.46 91.0 6.00 0.150 11/20/2019 Total Xylenes* <0.150 <0.300 0.300 11/20/2019 ND **Total BTEX**

Surrogate: 4-Bromofluorobenzene (PIL 101 % 73.3-129

| 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 | 11/22/2019 | ND | 416 | 104 | 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 | 11/19/2019 | ND | 190 | 95.1 | 200 | 0.292 | |
| DRO >C10-C28* | <10.0 | 10.0 | 11/19/2019 | ND | 193 | 96.4 | 200 | 1.89 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/19/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.5 | % 41-142 | 0 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 98,3 | % 37.6-14 | 7 | | | | | | |

*=Accredited Analyte

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Cardinal Laboratories

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| 11/18/2019 | | the second second second |
|------------------------|--|--|
| 11/10/2019 | Sampling Date: | 11/14/2019 |
| 11/25/2019 | Sampling Type: | Soil |
| FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| NONE GIVEN | Sample Received By: | Tamara Oldaker |
| FEDERAL AB-B BATTERY | | |
| | 11/25/2019 FEDERAL AB - B BATTERY NONE GIVEN | 11/25/2019Sampling Type:FEDERAL AB - B BATTERYSampling Condition:NONE GIVENSample Received By: |

Sample ID: V 2C - 3.5' (H903912-02)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | S-04 |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.1 | 2.00 | 2.37 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.78 | 89.1 | 2.00 | 2.44 | |
| Ethylbenzene* | 0.060 | 0.050 | 11/20/2019 | ND | 1.82 | 90.8 | 2.00 | 2.24 | |
| Total Xylenes* | 0.165 | 0.150 | 11/20/2019 | ND | 5.46 | 91.0 | 6,00 | 2.79 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 134 % 73.3-129

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 11/22/2019 | ND | 416 | 104 | 400 | 0.00 | |
| TPH 8015M | mg | /kg | Analyze | d By: MS | | | | - | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 60.8 | 50.0 | 11/19/2019 | ND | 190 | 95.1 | 200 | 0.292 | |
| DRO >C10-C28* | 7360 | 50.0 | 11/19/2019 | ND | 193 | 96.4 | 200 | 1.89 | |
| EXT DRO >C28-C36 | 1740 | 50.0 | 11/19/2019 | ND | | | | | |

37.6-147

313 %

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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mite Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 3C - 2' (H903912-03)

| 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 | 11/20/2019 | ND | 1.80 | 90.1 | 2.00 | 2.37 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.78 | 89,1 | 2.00 | 2.44 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.82 | 90.8 | 2.00 | 2.24 | |
| Total Xylenes* | <0.150 | 0,150 | 11/20/2019 | ND | 5.46 | 91.0 | 6.00 | 2.79 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 9 | 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 | 128 | 16.0 | 11/22/2019 | ND | 416 | 104 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 524 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 177 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.2 9 | % 41-142 | g I | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | 37.6-14 | 7 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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mute Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 4C - 1.5' (H903912-04)

| 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 | 11/20/2019 | ND | 1.80 | 90.1 | 2.00 | 2.37 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.78 | 89,1 | 2.00 | 2.44 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.82 | 90.8 | 2.00 | 2.24 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.46 | 91.0 | 6.00 | 2.79 | |
| Total BTEX | <0.300 | 0,300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.8 9 | 6 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 | 448 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1,53 | |
| DRO >C10-C28* | 277 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 127 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 83.1 9 | 6 41-142 | é. | | | | | | |
| Surrogate: 1-Chlorooctadecane | 100.9 | 6 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 5C - 2.5' (H903912-05)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1,80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 99.6 | % 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 | 432 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 22.6 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 84.9 9 | % 41-142 | e. | | | | | | |
| Surrogate: 1-Chlorooctadecane | 90.0 9 | % 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 6 of 11



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 6C - 2.5' (H903912-06)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | S-04 |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.100 | 0.100 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | 1.28 | 0.100 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | 3,19 | 0.100 | 11/20/2019 | ND | 1,80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | 9.88 | 0.300 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | 14.3 | 0.600 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 140 | 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 | 720 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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* | 253 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 1660 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 239 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 126 9 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 9 | 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 7C - 7.5' (H903912-07)

| BTEX 8021B | mg | /kg | Analyze | d By: MS | _ | | | | _ |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 9.83 | 2.00 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | 93.1 | 2.00 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | 85,0 | 2.00 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | 192 | 6.00 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | 379 | 12.0 | 11/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 119 % 73.3-129

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | _ | | | | |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | 1.4 | | | | S-06 |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 4440 | 50.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 16200 | 50.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2,26 | |
| EXT DRO >C28-C36 | 2270 | 50.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 334 | % 41-142 | | | | | | | |

Surrogate: 1-Chlorooctadecane

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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37.6-147



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 8C - 7.5' (H903912-08)

| BTEX 8021B | mg/ | ¢g | Analyze | d By: MS | - | | | _ | S-04 |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.100 | 0.100 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | 1.01 | 0.100 | 11/20/2019 | ND | 1.77 | 88.7 | 2,00 | 7.07 | |
| Ethylbenzene* | 3.21 | 0.100 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | 8,34 | 0.300 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | 12.6 | 0.600 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIE | 138 % | 6 73.3-129 |) | | | | | | |
| Chloride, SM4500Cl-B | mg/l | ٧g | Analyze | d By: AC | _ | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/l | g | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 146 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 1190 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2,26 | |
| EXT DRO >C28-C36 | 167 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 122 % | 5 41-142 | | | | | | - | |
| Surrogate: 1-Chlorooctadecane | 132 % | 37.6-147 | 7 | | | | | | |

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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. |
|-------|--|
| 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 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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 5/30/2023 9:08:41 AM

(lab use only) Belinquished Special Instructions: ORDER #: Relinquished by: Relingu LAB # (lab use only) Page 11 of 11 3 V3C-2 4 V4C-1.5 2 V2C-3.5' 00 V8C-7.5 V6C-2.5' V5C-2.5' V1C-3.5' V7C-7.5' Company Name Project Manager: Sampler Signature: Telephone No: City/State/Zip: Company Address: 2 ARDINAL LABORATORIES 4962912 101 East Marland, Hobbs, NM 88240 FIELD CODE Chase Settle 575-748-147 104 South 4th Street EOG Y Resources Inc. Artesia, NM 88210 PH EXTENDED needed. 11-18-19 Date Date Date **Beginning Depth** , Time Time Ime wD Ending Depth Received by ELOT: (505) 393-2326 FAX (505) 393-2476 Received by: Received by: 11/14/2019 11/14/2019 11/14/2019 11/14/2019 11/14/2019 11/14/2019 11/14/2019 11/14/2019 **Date Sampled** 1:05 PM 1:04 PM 1:00 PM 1:23 PM 1:28 PM 1:02 PM 1:17 PM 1:15 PM Fax No: **Time Sampled** e-mail: Field Fillered Total #. of Containers -4 --4 ---Chase Settle@eogresources.com × × × × × X × × Ice Preservation & # of Containers HNO₃ HCI CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST H2SO4 NaOH Na2S2O3 None 61-8-12 Olher (Specify) Date Date Date DW=Drinking Water SL=Sludge Matrix Report Format: S S S S S S GW = Groundwater S=SolVSolid S S Project Name: NP=Non-Polable Specify Other 13:45 Project Loc: Time Time TPH: 8015B Project #: × × × × × × × × ine TPH: TX 1005 TX 1006 PO #: 205-0750 Sample Hand Delivered by Sampler/Client Rep. ? by Counier? UPS Custody seals on cooler(s) Labels on container(s) Custody seals on container(s) Sample Containers Intact? Callons (Ca, Mg, Na, K) Temperature Upon Receipt 3.4c °C VOCs Free of Headspace? Laboratory Comments: X Standard Anions (CI, SO4, Alkalinity) TOTAL: TCLP: SAR/ESP/CEC Melals: As Ag Ba Cd Cr Pb Hg Se Analyze For: Volatiles Federal Federal AB B Battery Semivolalles TRRP BTEX: 8021B × × × × × × × × AB 머니 RCI ω 3.42 N.O.R.M. Battery × × × Chlorides × × × × × SAR NPDES Lone Star ZZZZZZZ RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Standard TAT × × × × × × × ×

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Received by OCD: 5/25/2028 3:201:16/PMA



November 25, 2019

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

RE: FEDERAL AB - B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/18/19 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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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.

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,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager

Page 1 of 13

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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |
| | | | |

Sample ID: H 1 (H903913-01)

Page 106306/163

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2,00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | 0.089 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | 0.290 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | 0.379 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 106 % | 6 73.3-129 | | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 480 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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* | 13.1 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 1250 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 298 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 % | 6 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 142 % | 6 37.6-147 | | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 2 (H903913-02)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 109 | 73.3-12 | 9 | 1 | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyze | Analyzed By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 10.2 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| | | | 11/20/2019 | ND | | | | | |

Surrogate: 1-Chlorooctadecane

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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37.6-147



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 3 (H903913-03)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2,00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0,150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyze | Analyzed By: MS | | | | _ | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DRO >C10-C28* | 965 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2,26 | |
| EXT DRO >C28-C36 | 384 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 96.1 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 132 9 | 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 4 (H903913-04)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.3-129

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1170 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 149 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 74.8 | 10.0 | 11/20/2019 | ND | | | | | |

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Surrogate: 1-Chlorooctadecane

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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37.6-147



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 5 (H903913-05)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2,00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 104 9 | 6 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 | 448 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 98.8 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 50,9 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 86.3 9 | % 41-142 | 0 | | | | | | - |
| Surrogate: 1-Chlorooctadecane | 98.1 | 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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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: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 6 (H903913-06)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7,55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 101 | % 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 | 384 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 150 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 36.9 | 10,0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.7 | % 41-142 | e. | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 | 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 7 (H903913-07)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2,00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIE | 102 9 | 6 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |

| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|--------|--------------------------------------|---|---|---|---|---|---|---|
| 736 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| mg/kg | | Analyzed By: MS | | | | | | |
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <10.0 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| 432 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| 341 | 10.0 | 11/20/2019 | ND | | | | | |
| | 736 mg, Result <10.0 432 | 736 16.0 mg/kg Result Reporting Limit <10.0 | 736 16.0 11/22/2019 mg/kg Analyze Result Reporting Limit Analyzed <10.0 | 736 16.0 11/22/2019 ND mg/kg Analyzed Hethod Blank Result Reporting Limit Analyzed Method Blank <10.0 | 736 16.0 11/22/2019 ND 400 mg/kg Analyzed Method Blank BS Result Reporting Limit Analyzed Method Blank BS <10.0 | 736 16.0 11/22/2019 ND 400 100 mg/kg Analyzed Bisk Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0 | 736 16.0 11/22/2019 ND 400 100 400 mg/kg Analyzed ND 800 100 400 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0 10.0 11/20/2019 ND 199 99.7 200 432 10.0 11/20/2019 ND 198 98.9 200 | 736 16.0 11/22/2019 ND 400 100 400 0.00 mg/kg Analyzed ND 400 100 400 0.00 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0 10.0 11/20/2019 ND 199 99.7 200 1.53 432 10.0 11/20/2019 ND 198 98.9 200 2.26 |

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Surrogate: 1-Chlorooctadecane

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*=Accredited Analyte



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |
| Troject Location | | | |

Sample ID: H 8 (H903913-08)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2,00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0.300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 102 9 | 6 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 | 192 | 16.0 | 11/22/2019 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | 12.5 | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 104 | 10.0 | 11/20/2019 | ND | 198 | 98,9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 47.8 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.8 9 | 6 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 % | 6 37.6-14 | 7 | | | | | | |

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |
| | | | |

Sample ID: H 9 (H903913-09)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0,150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0,300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 100 % | 6 73.3-129 | | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 624 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 664 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 372 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 89.7 9 | 6 41-142 | 1 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 136% | 6 37.6-147 | 9 | | | | | | |

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mite Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 11/18/2019 | Sampling Date: | 11/14/2019 |
|-----------------------|------------------------|---------------------|----------------|
| Reported: | 11/25/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |
| a construction of the | | | |

Sample ID: H 10 (H903913-10)

| 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 | 11/20/2019 | ND | 1.79 | 89.3 | 2.00 | 7.20 | |
| Toluene* | <0.050 | 0.050 | 11/20/2019 | ND | 1,77 | 88.7 | 2.00 | 7.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/20/2019 | ND | 1.80 | 90.2 | 2.00 | 7.55 | |
| Total Xylenes* | <0.150 | 0.150 | 11/20/2019 | ND | 5.44 | 90.6 | 6.00 | 7.98 | |
| Total BTEX | <0,300 | 0.300 | 11/20/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 102 9 | 73.3-12 | 2 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 11/22/2019 | ND | 400 | 100 | 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 | 11/20/2019 | ND | 199 | 99.7 | 200 | 1.53 | |
| DR0 >C10-C28* | 123 | 10.0 | 11/20/2019 | ND | 198 | 98.9 | 200 | 2.26 | |
| EXT DRO >C28-C36 | 40.2 | 10.0 | 11/20/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.9 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 82.2 | % 37.6-14 | 7 | | | | | | |

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mite Singh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 |

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*=Accredited Analyte

Released to Imaging: 5/30/2023 9:08:41 AM

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mite Sigh

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

| Relinquished by: | Kelinquisned by: | | | Special | 10 | a | 8 | 2 | 5 | 5 | 4 | S | 10 | 1 | LAB # (lab use only) | (lab use only) ORDER #: | | | | | | | R |
|-------------------|--|---|--|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---|----------------------------|-------------------------|----------------------------|-----------------------------------|---------------------------------------|-----------------------------------|-------------------------------|---|
| hed by: | ned by: | | | Instructions: | | H9 | H8 | H7 | H6 | H5 | H4 | H3 | H2 | H | FIELD CODE | only H963913 | Sampler Signature: | Telephone No: 575-748-1471 | City/State/Zip: Artesia, NM 88210 | Company Address: 104 South 4th Street | Company Name EOG Y Resources Inc. | Project Manager: Chase Settle | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 |
| Date | Date | 11-18-19 11-18-19 | - - + | TPH EXTENDED needed | | | | | | | | | | | | _ | K | 17 | 88210 | th Street | ources Inc. | ø | ES VM 88240 |
| Time | lime | 11:30 | 1 | needed. | | | | | | | | | | | Beginning Depth Ending Depth | | | | | | | | |
| Received by ELOT: | Received by: | Received by: | | | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | 11/14/2019 | Date Sampled | | | | | | | | (505) 393-2326 FAX (505) 393-2476 |
| OT: | | ra della | | 1.001.11 | 1-39 PM | 1:37 PM | 1:35 PM | 1:33 PM | 1:31 PM | 1:30 PM | 1:13 PM | 1:11 PM | 1:09 PM | 1:07 PM | Time Sampled | | e-mail: | Fax No: | | | | |) FAX (505) 39 |
| | | a | | È | | | | | | | | | | | Field Fillered | | | | | | | | 3-247 |
| | (| R | | | - | 4 | 4 | 4 | 4 | 4 | 4 | - | - | - | Total #. of Containers | - | Chase | | | | | | 60 |
| | | 0 | | 2 | × | × | × | × | × | × | × | × | × | × | Ice HNO ₃ | Pre | se | | | | | | |
| | | | | F | - | - | | - | | - | | - | | - | HCI | Preservation | Se | | | | | | |
| | | | | T | | | 11 | | | | | | | | H ₂ SO ₄ | 0.0 | tte | | | | | | Ŷ |
| | | | | | | | | | | | | | | | NaOH | # 9F | 0 | | | | | | IAIN |
| | _ | | | | | | | | | | | | | | Na ₂ S ₂ O ₃ | t # of Containers | DO | | | | | | 1 OF |
| | | 11- | | - | _ | _ | | | _ | _ | _ | - | _ | _ | None | ners | es | | | | | | 5 |
| Date | Date | Date 11-18-19 | | + | + | - | - | _ | | | - | - | | - | Other (Specify) DW=Drinking Water SL=Sludge | + | ouro | T | 4 | 1 | 1 | 1 | STO |
| | | 9 | | c | 0 0 | s | S | S | S | S | s | S | S | S | GW = Groundwater S=Soil/Solid | Matrix | Settle@eogresources.com | Rep | | | | - | YOK |
| - | - | 3- | | - | - | | | _ | | | | | | | NP=Non-Polable Specify Other TPH: 8015B | | G | Report Format: | | Pro | | Project Name: | REC |
| Time | Time | Time (3:45 | | 2 | × > | × | × | × | × | × | × | × | × | × | TPH: TX 1005 TX 1006 | - | D | orm | | Project Loc: | Project #: | ct N | Q7 |
| T e | S | | VQ Sa | | - | - | | | - | | | - | | - | Cations (Ca, Mg, Na, K) | | | att | PO 排 | Loc | ot # | ame | DA |
| mpe | by | bels Istod | mple DCs I | aboratory Commenter | | | 81/ | | | | | | | 1 | Anions (CI, SO4, Alkalinity) | 77 | | × | | ľ. | 1 | ĺ. | ND |
| ratu | Samp | on c y sea y sea | -ree | ton | | | | | | | | | | | SAR / ESP / CEC | TCLP: | | Sta | 205-0750 | | | | AN |
| e Up | nd D | als o als o | of H | 2 | | | | | | | | | | | Melals: As Ag Ba Cd Cr Pb Hg | g Se | An | X Standard | 8 | | | | ALY |
| on F | elive Xient | n col | ers I eads | | - | _ | | - | | _ | | | | | Volalles | | aluze | α. | | Fe | | Fee | SIS |
| ecei | Sample Hand Delivered by Sampler/Client Rep. ? by Counier? UPS | Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) | Sample Containers Intact? VOCs Free of Headspace? | nte: > | | × | ~ | ~ | × | V | V | × | × | × | Semivolaliles BTEX: 8021B | | Analyze For- | | | Federal | | Federal AB B | CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST |
| R | .0 | er(s) | 5 5 | 1 | + | | × | × | × | × | × | ^ | ^ | ^ | RCI | | | TRRP | | AB | | AB | QUE |
| | 물 | | | - | + | | | | | | | | | | N.O.R.M. | | | RP | | œ | | B | ST |
| 3.40 | | ~ | BB | > | < > | × | × | × | × | × | × | × | × | × | Chlorides | | | П | | Battery | | Battery | |
| | 5 | zzz | | 1 | + | | | | | | | P | | | | 10.701 | - | NPDES | | | | | |
| 0 | St - Z | | | L | _ | _ | _ | _ | _ | 1.1 | _ | | _ | _ | RUSH TAT (Pre-Schedule) 24, | 46, 72 hrs | | S | | | | | |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 20, 2019

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

RE: FEDERAL AB - B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/16/19 11:30.

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.tceg.texas.gov/field/ga/lab accredited 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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 7



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 2 C - 4' (H904193-01)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |

| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | _ | | | | |
|---------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DR0 >C10-C28* | 1500 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 572 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.6 | % 41-142 | k) | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

142 %

37.6-147

Page 2 of 7



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 6 C - 3' (H904193-02)

| mg/ | /kg | Analyze | d By: ms | _ | | | | |
|--------|--|---|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| | Result <0,050 <0,050 <0,050 <0,150 | Result Reporting Limit <0,050 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

Surrogate: 4-Bromofluorobenzene (PIL 110 % 73.3-129

119%

37.6-147

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1,66 | |
| DRO >C10-C28* | 197 | 10,0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | 176 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 41-142 | | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 7 C - 9' (H904193-03)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| Total Xylenes* | <0.150 | 0,150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 108 % 73.3-129

109 %

37.6-147

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|---------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldake |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: V 8 C - 9' (H904193-04)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1,71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 107 % 73.3-129

102 %

37.6-147

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 576 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DR0 >C10-C28* | 15.2 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 94.8 | % 41-142 | | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

*=Accredited Analyte

Released to Imaging: 5/30/2023 9:08:41 AM

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Celeg D. Kee

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 7

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| | Relinguished by: | | Relinnuistan | Special | | | | | 4 | in | N | - | LAB # (lab use only) | ORDER #: | (lab use only) | | | | | | | 6 |
|---------------------------|--|---|--|-----------------------|---|---|---|---|------------|------------|------------|------------|--|---------------------|----------------|-------------------------|----------------|-------------------|--------------------------|---------------------|------------------|---|
| | hed by: | No. | たてすい | Special Instructions: | | | | | V8C-9' | V7C-9' | 2 V6C-3' | V2C-4' | 71 | H | | Sampler Signature: | Telephone No: | City/State/Zip: | Company Address: | Company Name | Project Manager: | ARDINAL 101 East M |
| | | | | TPHE | | | | | | | | | FIELD CODE | 541404 | | IRE: | 575-748-1471 | Artesia, NM 88210 | ss: 104 South 4th Street | EOG Y Resources Inc | : Chase Settle | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 |
| Date | Date | 12-16-19 | Data | TPH EXTENDED needed | | | | | | | | | | | | 1 |) | 8210 | Street | ces Inc. | | 88240 |
| | | 11:30 | | need | | | | | | | | | Beginning Depth | | | | | | | | | |
| | Time | 30 | 3 | ded. | | | | | | | | | Ending Depth | 1 | | | | | | | | |
| | Received by: | Received by: | | | | | | | 12/12/2019 | 12/12/2019 | 12/12/2019 | 12/12/2019 | Date Sampled | | | | | | | | | (505) 393-2326 FAX (505) 393-2476 |
| 01. | 4 | ara a | | | | | | | 8:53 AM | 8:50 AM | 8:48 AM | 8:46 AM | Time Sampled | | | e-mail: | Fax No: | | | | | 5 FAX (505) 39 |
| | | B | | | | | | | | | | | Field Filtered | 1 | | | 1 | | | | | 3-247 |
| | | all. | | | - | - | | _ | - | - | 4 | - | Total #, of Containers | 4 | | Chase | | | | | | 0) |
| | | 60 | | ł | - | - | | | × | × | × | × | Ice HNO3 | Pra | | se | | | | | | |
| | | N | | ł | | - | - | | - | - | - | | HCI | Preservation & # of | | S | | | | | | |
| | 1 | 61 | | ŀ | | | | | | - | | | H ₂ SO ₄ | ation & | | ttle | | | | | | (|
| | | 0 | | 1 | | | | | | | | | NaOH | # | | 0 | | | | | | |
| | | | | | | | | | | | | | Na ₂ S ₂ O ₃ | | | eoc | | | | | | |
| | | à | | | | | | | | | | | None | Containers | | reg | | | | | | |
| Date | Date | Date 12-16-1 | | + | | - | | _ | | | | | Olher (Specify) | Ц | | ou | | 1 | 1 | 1 | 1 | 0 |
| | | 10 | | | | | | | S | s | s | S | DW=Drinking Water SL=Sludge GW= Groundwater S=SoiVSolid NP=Non-Potable Specify Other | Matrix | | Settle@eogresources.com | Report Format: | | Pr | | Proj | |
| Time | Time | Time 1:20 | | - | - | - | - | | × | × | × | 1 C C | TPH: 8015B | _ | | В | Form | | ojec | Proj | ectl | ç |
| 1 | | _ | < 0 | F | - | - | | - | - | | | _ | TPH: TX 1005 TX 1006 Calions (Ca, Mg, Na, K) | - | | | lat | PO 排 | Project Loc: | Project #: | Project Name: | E |
| empe | amp | abels | amp | abor | - | - | | | | | | - | Anions (Cl, SO4, Alkalinity) | | 1 | | × | # 20 | 8 | # | N I | HIVE |
| eratu | San San | dy se | le Cu Free | ator | - | | | | | | | - | SAR / ESP / CEC | OIAL | TCLP: | | St | 205-0750 | | | | 2 |
| Ire | Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS | Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) | Sample Containers Intact? VOCs Free of Headspace? | Laboratory Comments: | - | | | 1 | | | | - | Metals: As Ag Ba Cd Cr Pb Hg | A | | | × Standard | 750 | | | | NHL. |
| pon | Deliv (Clier | aine on c | Head | mm | | | | | | | | 1 | Volatiles | 1 | Analyze | | ard | | וד | | т | 10 |
| Temperature Upon Receipt: | UP: | r(s) onta | Inta | ents | | | | | | | | | Semivolaliles | | | | | | ederal | | Federal AB | U T |
| eipt | 20.2 | iner | 68. Cf.5 | 11 | | | | | × | × | × | × | BTEX: 8021B | | - I | | | | | | ral / | IT R |
| - | PH | (s) | | | | | | | | | | - | RCI | | | | TRRP | | ABE | | AB E | |
| 0 | - | | | | | | | | | | | - | N.O.R.M. | | | | P | | B B B | | Ba | 51 |
| | RAR | < (R) | RA | - | - | - | | | × | × | × | | Chlorides | - | _ | | | | Battery | | B Battery | |
| | | w | CO | | | - | | | - | - | - | - | SAR | - | - | | | | × | | × | |
| ີ້ | N N N N | zzz | zz | F | + | - | | | | - | - | 1 | RUSH TAT (Pre-Schedule) 24, 4 | 0, 72 h | rs | | NPDES | | | 0 | | |
| 121 | a | | | - | | | | | × | × | × | - | Standard TAT | | | 1 | ŝ | 1 | | | | |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 20, 2019

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

RE: FEDERAL AB - B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/16/19 11:30.

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 analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited 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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 8



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|--|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | and a state of the state of the state of the | |

Sample ID: H 1 - 2 (H904192-01)

| 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 | 12/18/2019 | ND | 1.93 | 96.7 | 2.00 | 6.24 | |
| Toluene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.88 | 93.9 | 2.00 | 5.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.5 | 2.00 | 6.58 | |
| Total Xylenes* | <0.150 | 0.150 | 12/18/2019 | ND | 5.58 | 93.0 | 6.00 | 6.58 | |
| Total BTEX | <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 98.2 5 | % 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 | 560 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |

Surrogate: 1-Chlorooctadecane 90.4 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 8



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 3 - 2 (H904192-02)

| mg, | /kg | Analyze | d By: MS | | | | _ | - |
|--------|--|--|--|---|--|---|---|---|
| Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.93 | 96.7 | 2.00 | 6.24 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.88 | 93.9 | 2.00 | 5.85 | |
| <0.050 | 0.050 | 12/18/2019 | ND | 1.91 | 95.5 | 2.00 | 6.58 | |
| <0.150 | 0.150 | 12/18/2019 | ND | 5.58 | 93.0 | 6.00 | 6.58 | |
| <0.300 | 0.300 | 12/18/2019 | ND | | | | | |
| | Result <0.050 <0.050 <0.050 <0.150 | <0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150 | Result Reporting Limit Analyzed <0.050 | Result Reporting Limit Analyzed Method Blank <0.050 | Result Reporting Limit Analyzed Method Blank BS <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050 | Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050 |

Surrogate: 4-Bromofluorobenzene (PIE 98.0 % 73.3-129

99.9%

37.6-147

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 432 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.0 | % 41-142 | | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 4 - 2 (H904192-03)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 109 % | 6 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 | 32.0 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.3 9 | % 41-142 | 2 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 94.69 | 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 7 - 2 (H904192-04)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2,00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2.00 | 12.1 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 106 | % 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 | Qualifie |
| Chloride | 80.0 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2.47 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.6 | % 41-142 | 6 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 93.9 | % 37.6-14 | 7 | | | | | | |

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 8



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

| Received: | 12/16/2019 | Sampling Date: | 12/12/2019 |
|-------------------|------------------------|---------------------|----------------|
| Reported: | 12/20/2019 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 9 - 2 (H904192-05)

| 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 | 12/19/2019 | ND | 1.71 | 85.5 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.71 | 85.4 | 2.00 | 10.3 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/19/2019 | ND | 1.67 | 83.7 | 2,00 | 12.1 | |
| Total Xylenes* | <0.150 | 0.150 | 12/19/2019 | ND | 4.97 | 82.8 | 6.00 | 11.6 | |
| Total BTEX | <0.300 | 0.300 | 12/19/2019 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIE 106 % 73.3-129

| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 656 | 16.0 | 12/17/2019 | 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 | 12/18/2019 | ND | 231 | 115 | 200 | 1.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/18/2019 | ND | 227 | 113 | 200 | 2,47 | |
| EXT DRO > C28-C36 | <10.0 | 10.0 | 12/18/2019 | ND | | | | | |

37.6-147

Surrogate: 1-Chlorooctadecane 102 %

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Celeg Ditree

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 8



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, |
| 14 | 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

Released to Imaging: 5/30/2023 9:08:41 AM

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Celey D. Keene, Lab Director/Quality Manager

Page 7 of 8

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| Relinquished by: | Relinquished by: | Relinquished | | Special | | | | s, | 4 | U | N | 1 | LAB # (lab use only) | ORDER #: | (lab use only) | | | | | | | C |
|---------------------------|--|---|--|-----------------------|---|---|---|------------|------------|------------|------------|------------|--|---------------------|----------------|--------------------|---------------------|-----------------------|---------------------------------------|----------------------|-----------------------|---|
| shed by: | shed by: | shed by: | | Special Instructions: | | | | H9-2 | H7-2 | | | H1-2 | FIELD CODE | R# H404192 | | Sampler Signature: | Telephone No: 575-7 | City/State/Zip: Artes | Company Address: 104 South 4th Street | Company Name EOG | Project Manager: Chas | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 |
| Date | Date | 12-16-19 | - | TPH EXTENDED needed | | | | | | | | | D | | | M.S. | 575-748-1471 | Artesia, NM 88210 | outh 4th Street | EOG Y Resources Inc. | Chase Settle | TORIES bbs, NM 88240 |
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| Time | Time | 1:me | | ded. | | | | | | | | | Ending Depth | | | | | | | | | |
| Received by ELOT: | Received by: | Received by | | | | | | 12/12/2019 | 12/12/2019 | 12/12/2019 | 12/12/2019 | 12/12/2019 | Date Sampled | | | | | | | | | (505) 393-2326 FAX (505) 393-2476 |
| OT: | | USto 1 | | | | | | 9:04 AM | 9:02 AM | 8:59 AM | 8:57 AM | 8:55 AM | Time Sampled | | | e-mail: | Fax No: | | | | | FAX (505) 393 |
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| Date | Date | Date | | | - | | | - | - | - | - | - | Other (Specify) DW=Drinking Water SL=Sludge | | | ouro | 1 | ł. | ł. | 1 | 1 | 010 |
| | _ | 191 | | | | | | S | s | s | S | s | GW = Groundwater S=SoiVSolid NP=Non-Polable Specify Other | Matrix | | eogresources.com | Report Format: | | P | | Pro | כוזאווי טר כטסו סטר הבכטהט אוויט אויאברסוס הבעטבסר |
| Time | Time | Time | | | | | | × | × | × | × | × | TPH: 8015B | | | 3 | For | | Project Loc: | Рго | Project Name: | |
| | _ | | | | | | | | | | | _ | TPH: TX 1005 TX 1006 | 3 | | | nat: | PO | t Lo | Project #: | Nam | e |
| Tem | Sam | Cust | VOC | abo | | - | | - | | | | | Callons (Ca, Mg, Na, K) | - | | | | PO #: 205-0750 | Ω I | * | 8 | |
| pera | ble H | ody ody | s Fr | prate | | | | - | - | - | - | _ | Anions (CI, SO4, Alkalinity) SAR / ESP / CEC | - 5 | TCLP: | | S | 05-0 | | | | ž |
| ture | Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS | Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) | Sample Containers Intact? VOCs Free of Headspace? | Laboratory Comments: | | - | | - | | - | - | - | Metals: As Ag Ba Cd Cr Pb H | | | D | × Standard | 750 | | | | |
| Uno | ? Clie | on | Hea | omi | - | | | | 0 | - | | | Volaliles | | | Analyze | ard | | Ţ | | T | 10 |
| n Re | up UP | controle | s Int | nent | - | | | | | | | | Semivolatiles | | | 70 1 | | | ede | | ede | 2 |
| Temperature Upon Receipt: | N B G | ainer er(s) | act? | S | | | | × | × | × | × | × | BTEX: 8021B | | - | E D | | | ederal AB | | Federal AB | n k |
| on Receipt 1.92 | 머니 | (s) | | İ | | | | | | | | | RCI | | | | TRRP | | BB | | BB | UE S |
| 0 | | | | | | | | | | | | | N.O.R.M. | - | | | ð | | Ba | | Ba | 2 |
| | Feder | LOC | 00 | | | | | × | × | × | × | × | Chlorides | _ | | | | | Battery | | Battery | |
| | 00 | LCC. | CC | | | 3 | | | 244 | | 2 | -3 | SAR | | - | | | | × | | ~ | |
| • | N N Lone Star | zzz | 27 | | | - | | - | - | - | - | - | RUSH TAT (Pre-Schedule) 24, | 48.721 | nrs | - | NPDES | | | | | |
| ô | 8222 | | - 4 | | | - | - | × | × | × | × | × | Standard TAT | 10, 721 | | 1 | S | | | | | |



January 10, 2020

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

RE: FEDERAL AB - B 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/ga/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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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.

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. Keens

Celey D. Keene Lab Director/Quality Manager

Page 1 of 5



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: | 01/10/2020 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | Contract (Property Contract Sector Contract | |

Sample ID: V 2 C - 4.5' (H000084-01)

| 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 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 3.01 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 2.48 | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2020 | ND | 6.11 | 102 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 01/10/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL 118 % 73.3-129

98.0 %

37.6-147

| Chloride, SM4500CI-B | mg | /kg | Analyze | d By: AC | | | | | |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 736 | 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* | <10.0 | 10.0 | 01/10/2020 | ND | 219 | 109 | 200 | 8.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/10/2020 | ND | 236 | 118 | 200 | 3,78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/10/2020 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.4 | % 41-142 | | | | | | | |

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



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: | 01/10/2020 | Sampling Type: | Soil |
| Project Name: | FEDERAL AB - B BATTERY | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | FEDERAL AB-B BATTERY | | |

Sample ID: H 9 - 3 (H000084-02)

| 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 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 2.52 | |
| Toluene* | <0.050 | 0.050 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 3.01 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/10/2020 | ND | 2.04 | 102 | 2.00 | 2,48 | |
| Total Xylenes* | <0.150 | 0.150 | 01/10/2020 | ND | 6.11 | 102 | 6.00 | 1.58 | |
| Total BTEX | <0.300 | 0.300 | 01/10/2020 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 117 9 | % 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 | 528 | 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* | <10.0 | 10.0 | 01/10/2020 | ND | 219 | 109 | 200 | 8.19 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/10/2020 | ND | 236 | 118 | 200 | 3.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/10/2020 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 85.8 | % 41-142 | e 11 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 92.3 | % 37.6-14 | 7 | | | | | | |

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Celleg Z

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 5

*=Accredited Analyte



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 |

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*=Accredited Analyte

Released to Imaging: 5/30/2023 9:08:41 AM

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Celey D. Keene, Lab Director/Quality Manager

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| | shed by: | shed by: | | | Special Instructions: | | | | | H9-3 | V2C-4.5' | FIELD CODE | R#: H000084 | only) | Sampler Signature: | Telephone No: 575-748-1471 | City/State/Zip: Artesia, | Company Address: 104 South 4th Street | Company Name EOG Y | Project Manager: Chase Settle | ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 |
| | Date | Date | 1-9-20 | | | | | | | | | | _ | | N/S/ | 3-1471 | Artesia, NM 88210 | uth 4th Street | EOG Y Resources Inc. | Settle | DRIES bs, NM 88240 |
| | | | 5 | | | | | | | | | Beginning Depth | | | | N | | | | | |
| 15 | Time | Time | 16 | ueu. | | | | | | | | Ending Depth | | | | | | | | | |
| | Received by ELOT: | Received by: | Received by: | | | | | | | 1/9/2020 | 1/9/2020 | Date Sampled | | | | | | | | | (505) 393-2326 |
| | .0T: | | and l | | | | | | | 9:33 AM | 9:30 AM | Time Sampled | | | e-mail: | Fax No: | | | | | (505) 393-2326 FAX (505) 393-2476 |
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| _ | _ | | Date 9-20 | | | | | | | S | s | GW = Groundwater S=Soll/Solid NP=Non-Potable Specify Other | Matrix | | ogresources.com | Report Format: | | | | Pro | CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST |
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| Ten | | San | Cus | San | | | | | | | | Calions (Ca, Mg, Na, K) | | | | | PO 井 | ñ | # | ne: | AN |
| nper | by O | Sample Hand Delivered by Sampler/Client Rep. ? | tody tody | Sample Containers Intact? VOCs Free of Headspace? | | | | | | _ | _ | Anions (CI, SO4, Alkalinity) | | TCLP: | | x Standard | 205-0750 | | 1111 | | 6 |
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| lece | JPS | Rep | s) ntain pler(| ntac | - | | | | - | ~ | ~ | Semivolatiles BTEX: 8021B | - | | | | | ега | | ега | RE |
| Temperature Upon Receipt | D | ~ | Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) | 13 13 | - | - | | | | × | × | RCI | | Ц" | | 그규 | | Federal AB B | | Federal AB | QUE |
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| | FedEx | ~~~ | JYY | RR | | | | | | | 0.00 | SAR | | | | | | ery | | ery | |
| Receipt _2.8 c .c. | | | | ~~ | | | | | | | | | | | | NPDES | | | | | |
| , o | Lone Star | zz | zzz | ZZ | | | | | | × | × | RUSH TAT (Pre-Schedule) 24, | 48, 72 h | s | | DES | | | | | |
| 9 | P | | | 11 | | | | | | | | Standard TAT | | | | - | | | | | |

Federal AB B Battery Closure Report 2RP-5701



January 17, 2020

Appendix E Form C-141 (Initial and Closure)

energy opportunity growth

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

| Incident ID | |
|----------------|----------|
| District RP | 2RP-5701 |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| EOG Resources, Inc. | 7377 | |
|--------------------------------------|------------------------------|--|
| Chase Settle | 575-748-1471 | |
| Chase_Settle@eogresources.com | Incident # (assigned by OCD) | |
| 104 S. 4th Street, Artesia, NM 88210 | | |

Location of Release Source

Latitude 32.69853

Longitude <u>-104.51345</u> (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Federal AB B Battery | Site Type Battery |
|--|----------------------|
| Date Release Discovered October 11, 2019 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| М | 32 | 18S | 25E | Eddy |

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) 1 | Volume Recovered (bbls) 1 |
|------------------|--|---|
| Produced Water | Volume Released (bbls) 19 | Volume Recovered (bbls) 0 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | X 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

High winds caused the pvc water leg to break on a 40 Bbl 3-phase vertical separation tank that was half full at the time of the release.

Form C-141 Page 2

State of New Mexico Oil Conservation Division

| Incident ID | | |
|----------------|----------|--|
| District RP | 2RP-5701 | |
| Facility ID | | |
| Application ID | | |

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

Initial Response

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

 \boxtimes The source of the release has been stopped.

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

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

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

If all the actions described above have <u>not</u> been undertaken, explain why:

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

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

Printed Name: Chase Settle

Signature: Chan Settle

Title: Rep Safety & Environmental II

email: Chase_Settle@eogresources.com

Telephone: 575-748-1471

Date: 10-18-2019

OCD Only

Received by:

Date: _____

State of New Mexico Oil Conservation Division

| Incident ID | |
|----------------|----------|
| District RP | 2RP-5701 |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>303</u> (ft bgs) |
|---|---------------------|
| Did this release impact groundwater or surface water? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within 300 feet of a wetland? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying a subsurface mine? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🕅 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗌 Yes 🔀 No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

| Form C-141 Page 4 | State of New Mexi Oil Conservation Div | | | Incident ID District RP Facility ID Application ID | 2RP-5701 |
|---|---|--|---|--|--|
| regulations all operators a public health or the enviro failed to adequately invest | formation given above is true and complet re required to report and/or file certain rele mment. The acceptance of a C-141 report igate and remediate contamination that po of a C-141 report does not relieve the ope | ease notifications by the OCD doe se a threat to gro erator of responsi | and perform c s not relieve th undwater, surfi bility for comp | orrective actions for re e operator of liability sl ace water, human healt | leases which may endanger hould their operations have h or the environment. In ederal, state, or local laws |
| Signature: Chau | @eogresources.com | Date: | 01/17/202 | 0 | |
| OCD Only | | 1 eiepr | | /40-14/1 | |

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Form C-141 Page 5

State of New Mexico Oil Conservation Division

| Incident ID | |
|----------------|--|
| 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, humau 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 with Attached Conditions of Approval Approved Denied Deferral Approved Signature: Date:

Form C-141 Page 6

State of New Mexico Oil Conservation Division

| Incident ID | |
|----------------|----------|
| District RP | 2RP-5701 |
| Facility ID | |
| Application ID | |

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name: Chase Settle Title: Rep Safety and Environmental II

Signature: Chan Settle

email: Chase_Settle@eogresources.com

_____ Date: 01/17/2020 ources.com Telephone: 575-748-1471

OCD Only

Received by OCD: 5/25/2028 3201516/PM4

Received by:

| Date: | |
|-------|--|
| | |

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

| Closure Approved by: | Date: |
|----------------------|-------|
| Printed Name: | Title |



Federal AB-B Battery Closure Report #nMCS0124838636



August 31, 2022

Appendix F 2021 Laboratory Analytical Report

energy opportunity growth



November 15, 2021

Dennis Williams EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2111431

RE: Federal AB B

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 6 sample(s) on 11/9/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2111431

Date Reported: 11/15/2021

| CLIENT: EOG | Client Sample ID: BH21-01 1' Collection Date: 11/5/2021 10:10:00 AM | | | | | | | | | |
|----------------------------------|--|--------|---------------------|--------|------------------------|---------|--|--|--|--|
| Project: Federal AB B | | | | | | | | | | |
| Lab ID: 2111431-001 | Matrix: SOIL | | Received Dat | e: 11/ | /9/2021 8:00:00 AM | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: | LRN | | | | |
| Chloride | 67 | 60 | mg/Kg | 20 | 11/11/2021 10:48:54 AM | 1 63887 | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: | BRM | | | | |
| Diesel Range Organics (DRO) | 20 | 9.6 | mg/Kg | 1 | 11/11/2021 3:10:58 PM | 63846 | | | | |
| Motor Oil Range Organics (MRO) | 78 | 48 | mg/Kg | 1 | 11/11/2021 3:10:58 PM | 63846 | | | | |
| Surr: DNOP | 71.2 | 70-130 | %Rec | 1 | 11/11/2021 3:10:58 PM | 63846 | | | | |
| EPA METHOD 8015D: GASOLINE RANGE | 1 | | | | Analyst: | NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| Surr: BFB | 105 | 70-130 | %Rec | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: | NSB | | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | %Rec | 1 | 11/10/2021 12:15:47 PM | 1 63838 | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2111431

Date Reported: 11/15/2021

| CLIENT: EOG | | C | ient Sa | ample II | D: BF | 121-02 1' | | | | |
|--------------------------------|--|-------------------------------------|---------------|----------|-------|--------------------------|-------|--|--|--|
| Project: Federal AB B | Collection Date: 11/5/2021 11:45:00 AM | | | | | | | | | |
| Lab ID: 2111431-002 | Matrix: SOIL | Received Date: 11/9/2021 8:00:00 AM | | | | | | | | |
| Analyses | Result | RL | RL Qual Units | | DF | Date Analyzed B | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: L | .RN | | | |
| Chloride | 1100 | 60 | | mg/Kg | 20 | 11/11/2021 12:15:47 PM 6 | 63887 | | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | | Analyst: S | SB | | | |
| Diesel Range Organics (DRO) | 920 | 200 | | mg/Kg | 20 | 11/10/2021 2:37:18 PM 6 | 63846 | | | |
| Motor Oil Range Organics (MRO) | 1200 | 990 | | mg/Kg | 20 | 11/10/2021 2:37:18 PM 6 | 63846 | | | |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 20 | 11/10/2021 2:37:18 PM 6 | 63846 | | | |
| EPA METHOD 8015D: GASOLINE RAI | NGE | | | | | Analyst: N | ISB | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| Surr: BFB | 97.6 | 70-130 | | %Rec | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: N | ISB | | | |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |
| Surr: 4-Bromofluorobenzene | 97.4 | 70-130 | | %Rec | 1 | 11/10/2021 1:26:01 PM 6 | 63838 | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р Reporting Limit
- RL

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2111431

Date Reported: 11/15/2021

| CLIENT: EOG | Client Sample ID: BH21-02 1.5' Collection Date: 11/5/2021 12:00:00 PM | | | | | | | | | |
|----------------------------------|--|--|------------|----|-----------------------------|--|--|--|--|--|
| Project: Federal AB B | | | | | | | | | | |
| Lab ID: 2111431-003 | Matrix: SOIL | Received Date: 11/9/2021 8:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed Batc | | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: LRN | | | | | |
| Chloride | 1300 | 60 | mg/Kg | 20 | 11/11/2021 12:28:11 PM 6388 | | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: BRN | | | | | |
| Diesel Range Organics (DRO) | 120 | 10 | mg/Kg | 1 | 11/11/2021 3:34:59 PM 6384 | | | | | |
| Motor Oil Range Organics (MRO) | 180 | 50 | mg/Kg | 1 | 11/11/2021 3:34:59 PM 6384 | | | | | |
| Surr: DNOP | 99.5 | 70-130 | %Rec | 1 | 11/11/2021 3:34:59 PM 6384 | | | | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB | | | | | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| Surr: BFB | 98.1 | 70-130 | %Rec | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | | | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |
| Surr: 4-Bromofluorobenzene | 98.6 | 70-130 | %Rec | 1 | 11/10/2021 3:00:27 PM 6383 | | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL
 - Reporting Limit

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Lab Order 2111431

Date Reported: 11/15/2021

| CLIENT: EOG | Client Sample ID: BH21-03 1' | | | | | | | | | |
|----------------------------------|--|-------------------------------------|------------|----|------------------------|---------|--|--|--|--|
| Project: Federal AB B | Collection Date: 11/5/2021 12:15:00 PM | | | | | | | | | |
| Lab ID: 2111431-004 | Matrix: SOIL | Received Date: 11/9/2021 8:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : LRN | | | | |
| Chloride | 440 | 60 | mg/Kg | 20 | 11/11/2021 12:40:36 PI | M 63887 | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | : SB | | | | |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 11/10/2021 3:25:40 PM | 63846 | | | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 11/10/2021 3:25:40 PM | 63846 | | | | |
| Surr: DNOP | 121 | 70-130 | %Rec | 1 | 11/10/2021 3:25:40 PM | 63846 | | | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | : NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| Surr: BFB | 98.0 | 70-130 | %Rec | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |
| Surr: 4-Bromofluorobenzene | 98.8 | 70-130 | %Rec | 1 | 11/10/2021 3:23:56 PM | 63838 | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 10

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Analytical Report
Lab Order 2111431

| Hall | Environmental | Analysis | Laboratory, | Inc. |
|------|---------------|----------|-------------|------|
| | | | | |

Lab Order 2111431 Date Reported: 11/15/2021

| CLIENT: EOG | | Clie | ent Sample II |): Bł | H21-03 1.75' | | | | | |
|--------------------------------|--|--------|---------------|-------|-----------------------|--------------|--|--|--|--|
| Project: Federal AB B | Collection Date: 11/5/2021 12:30:00 PM | | | | | | | | | |
| Lab ID: 2111431-005 | Matrix: SOIL | I | Received Date | e: 11 | /9/2021 8:00:00 AM | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analys | t: LRN | | | | |
| Chloride | 440 | 60 | mg/Kg | 20 | 11/11/2021 12:53:01 P | M 63887 | | | | |
| EPA METHOD 8015M/D: DIESEL RAM | IGE ORGANICS | | | | Analys | t: SB | | | | |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 11/10/2021 3:49:52 PN | 1 63846 | | | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 11/10/2021 3:49:52 PN | 1 63846 | | | | |
| Surr: DNOP | 117 | 70-130 | %Rec | 1 | 11/10/2021 3:49:52 PN | 1 63846 | | | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analys | t: NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 11/10/2021 3:47:30 PN | 1 63838 | | | | |
| Surr: BFB | 102 | 70-130 | %Rec | 1 | 11/10/2021 3:47:30 PM | 1 63838 | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analys | t: NSB | | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 11/10/2021 3:47:30 PN | 1 63838 | | | | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 11/10/2021 3:47:30 PN | 1 63838 | | | | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 11/10/2021 3:47:30 PM | 1 63838 | | | | |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 11/10/2021 3:47:30 PN | 1 63838 | | | | |
| Surr: 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 1 | 11/10/2021 3:47:30 PN | 1 63838 | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2111431

Date Reported: 11/15/2021

| CLIENT: EOG | | Cl | ient Sample II | D: BI | H21-04 1' | | | | | |
|----------------------------------|--|-------------------------------------|----------------|-------|-----------------------|-------|--|--|--|--|
| Project: Federal AB B | Collection Date: 11/5/2021 12:40:00 PM | | | | | | | | | |
| Lab ID: 2111431-006 | Matrix: SOIL | Received Date: 11/9/2021 8:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | LRN | | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 11/11/2021 1:05:25 PM | 63887 | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | SB | | | | |
| Diesel Range Organics (DRO) | ND | 10 | mg/Kg | 1 | 11/10/2021 4:14:02 PM | 63846 | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 11/10/2021 4:14:02 PM | 63846 | | | | |
| Surr: DNOP | 92.6 | 70-130 | %Rec | 1 | 11/10/2021 4:14:02 PM | 63846 | | | | |
| EPA METHOD 8015D: GASOLINE RANGE | 1 | | | | Analyst | NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| Surr: BFB | 98.5 | 70-130 | %Rec | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | %Rec | 1 | 11/10/2021 4:11:05 PM | 63838 | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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14

1.5

15.00

| Client: Project: | EOG Federal A | AB B | | | | | | | | |
|--------------------------------|------------------|---------------------|-----------|------------------------------------|--------------------|-----------------|------|----------|------|--|
| Sample ID: N | MB-63887 | SampType: mb | lk | TestCode: EPA Method 300.0: Anions | | | | | | |
| Client ID: PBS Batch ID: 63887 | | | R | unNo: 82780 | | | | | | |
| Prep Date: | 11/11/2021 | Analysis Date: 11 | /11/2021 | S | eqNo: 2939352 | Units: mg/K | g | | | |
| Analyte | | | SPK value | SPK Ref Val | %REC LowLin | nit HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | ND 1.5 | | | | | | | | |
| Sample ID: L | _CS-63887 | SampType: Ics | | Test | Code: EPA Methe | od 300.0: Anion | s | | | |
| Client ID: | CSS | Batch ID: 638 | 87 | R | unNo: 82780 | | | | | |
| Prep Date: | 11/11/2021 | Analysis Date: 11 | /11/2021 | S | eqNo: 2939353 | Units: mg/K | g | | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC LowLin | nit HighLimit | %RPD | RPDLimit | Qual | |

0

90.5

90

110

Qualifiers:

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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15-Nov-21

WO#:

| Client:EOGProject:Federal | AB B | | | | | | | | | |
|--------------------------------|---|----------|-----------|---|------------------|----------|-------------|------|----------|------|
| Sample ID: MB-63846 | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | | |
| Client ID: PBS Batch ID: 63846 | | | F | unNo: 8 | 2729 | | | | | |
| Prep Date: 11/9/2021 | 11/9/2021 Analysis Date: 11/10/2021 | | | S | eqNo: 2 | 938788 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 106 | 70 | 130 | | | |
| Sample ID: LCS-63846 | SampT | ype: LC | S | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
| Client ID: LCSS | Batcl | n ID: 63 | 846 | F | unNo: 8 2 | 2729 | | | | |
| Prep Date: 11/9/2021 | Analysis E | Date: 11 | /10/2021 | S | eqNo: 2 | 938789 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 50 | 10 | 50.00 | 0 | 100 | 68.9 | 135 | | | |
| Surr: DNOP | 5.5 | | 5.000 | | 109 | 70 | 130 | | | |

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- S % Recovery outside of range due to dilution or matrix interference
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

2111431

15-Nov-21

WO#:

| | WO#: | 2111431 |
|---------------------------------------|------|-----------|
| vironmental Analysis Laboratory, Inc. | | 15-Nov-21 |

| Client: Project: | EOG Federal | AB B | | | | | | | | | | |
|------------------------------------|------------------------------|------------|--------------------------|-----------|--|-----------|-----------|---------------------|-----------|----------|------|--|
| Sample ID: mb-63838 SampType: MBLK | | | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
| Client ID: F | ient ID: PBS Batch ID: 63838 | | | F | RunNo: 82755 | | | | | | | |
| Prep Date: | 11/9/2021 | Analysis D | nalysis Date: 11/10/2021 | | | eqNo: 29 | 937740 | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range | Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | | 1100 | | 1000 | | 105 | 70 | 130 | | | | |
| Sample ID: I | cs-63838 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015D: Gasc | line Rang | e | | |
| Client ID: L | CSS | Batch | ID: 638 | 338 | F | unNo: 82 | 2755 | | | | | |
| Prep Date: | 11/9/2021 | Analysis D | ate: 11 | /10/2021 | S | eqNo: 2 | 937741 | Units: mg/K | g | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range | Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 97.2 | 78.6 | 131 | | | | |
| Surr: BFB | | 1200 | | 1000 | | 118 | 70 | 130 | | | | |

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- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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| 211143 | WO#: |
|-----------|------|
| 15-Nov-21 | |

| | OG ederal AB B | | | | | | | | | | | |
|--------------------------|--|---|-----------|----------------|----------|----------|--------------|------|----------|------|--|--|
| Sample ID: mb-63838 | D: mb-63838 SampType: MBLK TestCode: EPA Method 8021B: Volatiles | | | | | | | | | | | |
| Client ID: PBS | Bate | ttch ID: 63838 RunNo: 8275 | | | | 2755 | | | | | | |
| Prep Date: 11/9/202 | 1 Analysis | Date: 1 | 1/10/2021 | S | SeqNo: 2 | 937780 | Units: mg/K | (g | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | ND | 0.025 | | | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | | | |
| Surr: 4-Bromofluorobenze | ene 1.1 | | 1.000 | | 105 | 70 | 130 | | | | | |
| Sample ID: LCS-6383 | 8 Samp | SampType: LCS TestCode: EPA Method 8021B: Volatiles | | | | | | | | | | |
| Client ID: LCSS | Bato | ch ID: 63 | 838 | RunNo: 82755 | | | | | | | | |
| Prep Date: 11/9/202 | 1 Analysis | Date: 1 | 1/10/2021 | SeqNo: 2937781 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | 0.93 | 0.025 | 1.000 | 0 | 93.1 | 80 | 120 | | | | | |
| Toluene | 0.95 | 0.050 | 1.000 | 0 | 94.6 | 80 | 120 | | | | | |
| Ethylbenzene | 0.96 | 0.050 | 1.000 | 0 | 96.4 | 80 | 120 | | | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 96.0 | 80 | 120 | | | | | |
| Surr: 4-Bromofluorobenze | ene 1.0 | | 1.000 | | 104 | 70 | 130 | | | | | |

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| 1. Is Chain of Custody complete? Yes 2. How was the sample delivered? Court Log In 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 1. Does paperwork match bottle labels? Yes 1. Does paperwork match bottle labels? Yes 2. Does paperwork match bottle labels? Yes 3. Is it clear what analyses were requested? Yes | | • 🔽 | Ropti |] |
|--|--|----------------------------|----------------------------|----------------------|
| Completed By: Tracy Casarrubias 11/9/2021 8:53:14 AM Reviewed By: Cmain II/9/4 Chain of Custody II/9/4 1. Is Chain of Custody complete? Yes 2. How was the sample delivered? Court Log In Substantiation Yes 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 1. Does paperwork match bottle labels? Yes 1. Does paperwork match bottle labels? Yes 3. Is it clear what analyses were requested? Yes | 21 N 2 N 2 N 2 N 2 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 | | NA [NA [|] |
| Reviewed By: II/9/4 Chain of Custody Yes 1. Is Chain of Custody complete? Yes 2. How was the sample delivered? Court Log In Court 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 21 N 2 N 2 N 2 N 2 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 | | NA [NA [|] |
| Chain of Custody 1. Is Chain of Custody complete? Yes 2. How was the sample delivered? Court Log In Substantiation 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 21 N 2 N 2 N 2 N 2 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 | | NA [NA [|] |
| 1. Is Chain of Custody complete? Yes 2. How was the sample delivered? Court Log In 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 21 N 2 N 2 N 2 N 2 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 | | NA [NA [|] |
| 2. How was the sample delivered? Court Log In 3. Was an attempt made to cool the samples? Yes 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 21 N 2 N 2 N 2 N 2 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 | | NA [NA [|] |
| Log In 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | ✓ N ✓ N ✓ N ✓ N ✓ N ✓ N ✓ N ✓ N ✓ N | | | |
| 3. Was an attempt made to cool the samples? Yes 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | | | | |
| 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 0. Were any sample containers received broken? Yes 1. Does paperwork match bottle labels? Yes 2. Are matrices correctly identified on Chain of Custody? Yes 3. Is it clear what analyses were requested? Yes | | | | |
| 5. Sample(s) in proper container(s)? Yes 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 2 No 2 No 2 No 2 No 2 No | lo o o o | NA 🗆 | 1 |
| 6. Sufficient sample volume for indicated test(s)? Yes 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 2 No 2 No 1 No | o □ o □ o ☑ | | |
| 7. Are samples (except VOA and ONG) properly preserved? Yes 8. Was preservative added to bottles? Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 2 No | • □ • ☑ | | |
| 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes 10. Were any sample containers received broken? Yes 1. Does paperwork match bottle labels? Yes (Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Custody? Yes 3. Is it clear what analyses were requested? | Nc | • 🗹 | | |
| 9. Received at least 1 vial with headspace <1/4" for AQ VOA? |] No | • 🗆 | | |
| 0. Were any sample containers received broken? Yes 1. Does paperwork match bottle labels? Yes (Note discrepancies on chain of custody) Yes 2. Are matrices correctly identified on Chain of Custody? Yes 3. Is it clear what analyses were requested? Yes | | | NA 🗹 | |
| 1. Does paperwork match bottle labels? Yes (Note discrepancies on chain of custody) Yes 2. Are matrices correctly identified on Chain of Custody? Yes 3. Is it clear what analyses were requested? Yes | No | • 🖌 | | |
| (Note discrepancies on chain of custody)2. Are matrices correctly identified on Chain of Custody?Yes3. Is it clear what analyses were requested?Yes | | | # of preserved | |
| 2. Are matrices correctly identified on Chain of Custody?Yes3. Is it clear what analyses were requested?Yes | No No | • 🗆 | bottles checked for pH: | or >12 unless noted) |
| 3. Is it clear what analyses were requested? Yes | No No | • □ | Adjusted? | |
| | No | | / | 1.1 |
| 4. Were all holding times able to be met? Yes (If no, notify customer for authorization.) | No No | • 🗆 | Checked by: | Inulas |
| pecial Handling (if applicable) | | 1 | | |
| 5. Was client notified of all discrepancies with this order? Yes | - No | 0 | NA 🔽 | |
| Person Notified: Date: | | | | |
| By Whom: Via: eMa | Phone | Fax | In Person | |
| Regarding: | | | | |
| Client Instructions: | | | | |
| 6. Additional remarks: | | | | |

Page 1 of 1

| Monor Monor Monor Monor Mater Time Monor Monor Monor Mater Monor Monor Monor | Chain-of-Custody Record | Turn-Around Time: 5 day | |
|---|---------------------------|-------------------------|--|
| Project Name: Project Name: Project Name: P | | | 10 |
| Folderal / ID Albuquerque, NM 87103 Project #: Albuquerque, NM 87103 Project #: Albuquerque, NM 87103 Project Manager: Albuquerque, NM 87103 Project Manager: Albuquerque, NM 87103 Project Manager: Project Manager: Propolectintre: Properton Root < | 0440 | iProject Name: | |
| Project Hi Tel. 506-345-3975 Fax 506-345-4107 Project Hianager: Project Manager: Project Manager: Project Manager: Project Manager: Project Manager: Proj Project Manager: <td></td> <td>191 AB.</td> <td>- Albuquerque, NM 87109</td> | | 191 AB. | - Albuquerque, NM 87109 |
| Project Manager. Proj | | Project #: | Fax 505-345-4107 |
| | | Droiect Manader | |
| Barnoler Mile | Level 4 (Full Validation) | Renaris 111.11 and | Nypsen siMS sCB's CB's |
| mple Name Totalier Preservative All Coolers < | | 1. 0 B Vac | о / DRd /8082 I лг 8270 лг 8270 // |
| Cooler Temponsative (Fr) 3.4 * 61 * (Fr] 3.3 * * 60 Total Coler Temponsative (Fr] 3.3 * 60 Total Colifor mple Name Type and # Type and # Type and # Type and # Total Colifor M1 · C1 1 V X 8270 (Senti- 1796 8270 (Senti- 1796 M1 · C2 1 X 8260 (VOA) 8270 (Senti- 1766 8270 (Senti- 1766 M1 · C2 1 X 8270 (Senti- 1766 1 1 1 M1 · C2 1 X 8270 (Senti- 1766 1 | | olers: 1 | (GRG 103, 103, 103, 103, 103, 103, 103, 103, |
| mple Name Container Preservative HEAL No. Type and # Topa and | | 3.4-6.1. (rF 3.3. (° | MT MT eestic estic estic st, t Me 8 Me 8 Me 8 Me 8 Me |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | ample Name | Preservative Type | 1911 80 2011 Р 2011 Г, Е 2016 (У 2017 Г, Е 2017 1 2017 1 |
| Bit C3 1.51 0.02 1.11 1 0.02 Bit C4 1.57 0.04 1.11 1.11 1.11 Bit C4 1.1 0.06 1.11 1.11 1.11 Bit C4 1.11 0.06 1.11 1.11 1.11 Bit C4 1.11 1.11 1.11 1.11 1.11 Bit C4 1.11 1. | 11 10-14 | 100 | |
| BI-03 1,51 Not Not BI-03 1,51 0005 1 1 BI-04 1 0006 1 1 BI-04 1 0006 1 1 BI-04 1 1 1 1 Reprived by: 1 1 1 Received by: 1 1 1 Bate Time 1 1 Bate Time 1 1 | HAI. 02 11 | 200 (| |
| B1-03 1' 75' 0004 11 1 1 B1-04 1' 505 1 1 1 1 B1-04 1' 0006 1 1 1 1 B1-04 1' 1 1 1 1 1 B1-04 1' 1 1 1 1 1 B1-04 1 | -03 1. | 100 | |
| Hir 03 I. 75/ I Cost I I BI 04/ I 006 I I I I BI 04/ I I 006 I I I BI 04/ I I I I I I Bite Time Remarks: C. I I I Received by: Via: Date Time Remarks: C. | 121-03 1' | 004 | |
| Bloy I' I I Dolo II Dolo II I I I I I I I I I I I I I I I I I | 1, | 605 | |
| Received by: Via: Date Time Remarks: Received by: Via: Date Time Remarks: Received by: Via: Date Time | ~ | 1 000 | |
| Received by: Via: Date Time Remarks: Received by: Via: Date Time Remarks: Received by: Via: Date Time | | 7 | |
| Repeived by: Via: Date Time Received by: Via: Date Time | | | |
| Received by: Via: Date Time Additional control of the time Date Time | | | |
| Received by: Via: Date Time Remarks: CC: Received by: Via: Date Time M. and CC: T. D. M. M. Date Time M. and D. M. A. | | | |
| Received by: Via: b Date Time Main Control And Date House | | Via: Date | CC: |
| | | Via: Via: Date | 158 of man of the man of the second |

Federal AB-B Battery Closure Report #nMCS0124838636



August 31, 2022

Appendix G 2021 Vertex Field Notes

energy opportunity growth

Daily Site Visit Report



| Client: | EOG Resources Inc. | Inspection Date: | 11/5/2021 |
|-------------------------|----------------------|-------------------------|-------------------|
| Site Location Name: | Federal AB-B Battery | Report Run Date: | 11/5/2021 9:03 PM |
| Client Contact Name: | Chase Settle | API #: | |
| Client Contact Phone #: | 575-703-6537 | - | |
| Unique Project ID | | - Project Owner: | |
| Project Reference # | | - Project Manager: - | |
| | | Summary of T | limes |
| Arrived at Site | 11/5/2021 9:33 AM | | |
| Departed Site | 11/5/2021 2:09 PM | | |
| | | | |

Field Notes

9:47 Tailgate/ flha and getting sample supplies ready

9:55 Collecting 4 sample points . Each point will have 1 foot and 2 foot collected and field screened.

- 10:04 Collecting of BH21-01
- **11:29** Had to stop work, an old pvc line was stuck. Nothing registered when line sweeping was done. Waiting on roustabout crew to come clamp line. Also waiting on Johnny with EOG to give the clear to continue the Boreholes.
- 12:36 Continuing with BH21-02. Hit refusal at 1.5'
- 12:36 Moved to BH21-03. Which is 50' from BH02 . BH03 hit refusal at 1.75'

12:37 Moved to BH21-04

12:45 BH21-04 refusal at 1'

13:16 Field screening all sample, EC, petro and pid

13:59 All samples are jarred and ready for lab.

.



Daily Soil Sampling

Client: Client: EOG Resources Inc.

Location: Site: Federal AB-B Battery

Date: (SD: 11/5/21)

| | | | | | : | Sampling | | | | | |
|-----------|---------------|--------------|--------------|-----------------------|--------------|----------------------|--------------------------------|---|----------------|---------------------|-----------------------|
| | | | | Field | Screenii | ng | | | Data Co | ollection | |
| | | Hydro | carbon | | c | hloride | | | | | |
| Sample ID | Depth (ft) | VOC (PID) | TPH (ppm) | EC Reading (mS/cm) | Temp (°C) | EC Chloride (ppm) | Chloride Titration (ppm) | Lab Analysis | Photo Taken | Marked on Sketch | Refusal Depth (ft) |
| BH21-01 | 1.0 | 0 | 494 | 0.21 | 20.1 | 243 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | |
| BH21-02 | 1.0 | 0 | 6930 | 1.23 | 20.6 | 1694 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | |
| BH21-02 | 1.5 | 0 | 678 | 1.43 | 20.5 | 1987 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | 1.50 |
| BH21-03 | 1.0 | 1 | 21 | 0.72 | 20.3 | 971 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | |
| BH21-03 | 1.8 | 1 | 31 | 0.64 | 20.3 | 855 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | 1.75 |
| BH21-04 | 1.0 | 0 | 36 | 0.11 | 20.1 | 99 | | BTEX (EPA SW-846 Method 8021B/8260B), Chloride (EPA 300.0), TPH (EPA SW-846 Method 8015M) | \checkmark | \checkmark | 1.00 |

Daily Site Visit Report



Daily Site Visit Signature

Inspector: John Ramirez

Signature:

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

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

District III

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

District IV

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

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

CONDITIONS

| Operator: | OGRID: |
|-------------------|---|
| EOG RESOURCES INC | 7377 |
| P.O. Box 2267 | Action Number: |
| Midland, TX 79702 | 220839 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|-------------------|
| amaxwell | Work plan approved. Submit a closure report via the OCD permitting portal by 10/8/2023. | 5/30/2023 |

CONDITIONS

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Action 220839