

Incident ID	nAPP2127158905
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 07/13/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 11/4/2022

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

Signature: Robert Hamlet Date: 11/4/2022



**SITE CHARACTERIZATION UPDATE AND PROPOSED
REMEDATION PLAN**

**NICHOLAS BJ BATTERY
UNIT I, SECTION 5, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.68959, -104.49939
RANGER REFERENCE NO. 5375**

PREPARED FOR:

**EOG RESOURCES, INC.
ARTESIA DIVISION
105 S 4TH STREET
ARTESIA, NEW MEXICO 88210**

PREPARED BY:

**RANGER ENVIRONMENTAL SERVICES, INC.
P.O. BOX 201179
AUSTIN, TEXAS 78720**

JULY 12, 2022

A blue ink signature of Patrick K. Finn, consisting of a stylized 'P' followed by 'K. Finn'.

**Patrick K. Finn P.G. (TX)
Project Geologist**

A blue ink signature of William Kierdorf, consisting of a stylized 'W' followed by 'Kierdorf'.

**William Kierdorf, REM
Project Manager**

TABLE OF CONTENTS

1.0	SITE LOCATION AND BACKGROUND	1
2.0	SITE CHARACTERIZATION UPDATE	2
2.1	May 2022 – Depth-to-Groundwater Confirmation Activities.....	2
2.2	Closure Criteria.....	2
3.0	PROPOSED REMEDIATION PLAN	3
3.1	Impacted Soil Removal.....	3
3.2	Field Screening and Confirmation Sampling	4
3.3	Elevated Soil Concentrations Contingency Plan	4
3.4	Excavation Backfill and Re-Vegetation.....	5
3.5	Remediation Schedule	5
4.0	SITE CLOSURE.....	5

FORM C-141

- Original Release Notification Section
- Original Site Assessment/Characterization Section
- Updated Site Assessment/Characterization Section
- Remediation Plan Section

FIGURES

- Topographic Map
- Area Map
- DTGW Information Location Map
- Proposed Excavation Area Map
- Proposed Confirmation Sample Location Map

TABLES

- Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
- Field Screening Summary Table

ATTACHMENTS

- Attachment 1 – Depth-to-Groundwater Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Howell Ranch Seed Mixture



**SITE CHARACTERIZATION UPDATE AND PROPOSED REMEDIATION PLAN
NICHOLAS BJ BATTERY
UNIT I, SECTION 5, TOWNSHIP 19S, RANGE 25E
EDDY COUNTY, NEW MEXICO
32.68959, -104.49939
RANGER REFERENCE NO. 5375**

1.0 SITE LOCATION AND BACKGROUND

The Nicholas BJ #1 Battery (Site) is an active oil and gas facility pad located on private land, approximately 12 miles southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit I, Section 5, T19S-R25E at GPS coordinates 32.68959, -104.49939. The location was historically operated by EOG Resources, Inc. In November 2021, operations at the subject Site were transferred from EOG to Silverback Exploration II, LLC (Silverback).

On August 5, 2021, during a site visit, Howell Ranch Revocable Trust (Howell Ranch) representatives identified an area of concern located north and east of the tank battery at the Site. The area of concern was noted to lack vegetation growth similar to that of the surrounding areas. EOG subsequently engaged Ranger Environmental Services, Inc. (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site.

On September 2, 2021, Ranger personnel conducted an initial assessment of the reported area. Based on the assessment results, the area was reported to the New Mexico Oil Conservation Division (NMOCD) on September 28, 2021 (NMOCD Incident # nAPP2127158905). Further assessment activities were conducted at the Site on December 20-21, 2021 and January 11, 2022 in order to complete the delineation of the site impacts.

The results of the site assessment activities were summarized in Ranger's March 18, 2022 "Site Assessment/Characterization Report." In addition to summarizing the results of the site assessment activities, this report also provided site characterization details and proposed site characterization confirmation activities. As summarized in this report, due to the lack of recent (<25 years old) depth to groundwater data within a one-half mile radius of the Site, the depth-to-groundwater at the Site required confirmation via the installation of a soil boring/temporary monitor well. EOG installed the temporary monitor well in May 2022 to confirm the site-specific depth-to-groundwater information. This report has been prepared to update the site characterization details with the site-specific depth-to-groundwater information, and to present a proposed remediation plan to appropriately address the site impacts.

Copies of the previously submitted Form C-141 Release Notification and Assessment/Characterization sections of Form C-141 are attached. An updated Assessment/Characterization section, and the Remediation Plan section of Form C-141, are also attached.

A Topographic Map and Area Map noting the location of the subject Site and surrounding areas, as well as a Site Map illustrating the Site features and sampling locations, are provided in the Figures section.

2.0 SITE CHARACTERIZATION UPDATE

As detailed in the March 18, 2022 *Site Assessment/Characterization Report*, the subject area was lacking NMOCD-acceptable (<25 years old) depth-to-groundwater data for the area within a one-half mile radius of the Site. However, based on the data that was available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE), it appeared that the depth-to-groundwater was most likely greater than 100 feet below ground surface (bgs). In order to obtain the NMOCD-required current depth-to-groundwater data for the area within a one-half mile radius of the subject site, a soil boring/temporary monitor well was installed in May 2022.

2.1 May 2022 – Depth-to-Groundwater Confirmation Activities

In May 2022, representatives for GHD and HCI drilling installed and gauged the proposed soil boring/temporary monitor well in order to obtain the site-specific depth-to-groundwater information. The temporary monitor well was installed on May 6, 2022, at approximate GPS Coordinates 32.690553 -104.507228, located within a half-mile radius of the Site. The soil boring was drilled to a depth of approximately 109 feet bgs utilizing air rotary drilling techniques and a two-inch diameter temporary monitor well was installed. The monitor well was allowed to equilibrate for five days and was then gauged with a Solinst water level meter on May 11, 2022. The temporary monitor well was found to be dry, thus confirming that the area depth-to-groundwater is greater than 100 feet bgs. Upon completion of the depth-to-groundwater investigation activities, the temporary monitor well was properly plugged and abandoned.

Based upon the GHD depth-to-groundwater investigation results and the reviewed NMOSE information, the depth-to-groundwater in the area of the Site was confirmed to be greater than 100 feet bgs.

Copies of the reviewed depth-to-groundwater information and soil boring log completed by GHD are attached.

2.2 Closure Criteria

Based upon the previously supplied Site characterization details¹ and confirmation that the depth-to-groundwater in the area is greater than 100 feet bgs, the Site will be remediated to Table 1 19.15.29.12 NMAC (groundwater >100 feet) criteria. Additionally, the remediation activities will be completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. The proposed closure criteria are detailed below:

PROPOSED CLOSURE CRITERIA

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	BTEX	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')	20,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100 ²	---	50 ²	10 ²

All Values Presented in Parts Per Million (mg/Kg)

1. Full site characterization details are included in the March 18, 2022 Ranger "Site Assessment/Characterization Report."
2. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document "Procedures for the Implementation of the Spill Rule" (19.15.29 NMAC) dated September 6, 2019.

3.0 PROPOSED REMEDIATION PLAN

3.1 Impacted Soil Removal

To address the elevated soil chloride and TPH concentrations at the Site, soil removal operations are proposed. The proposed excavation activities are based upon the soil concentrations that were documented during the site assessment and delineation process via field readings and laboratory analysis results. The proposed excavation will be completed to anticipated depths varying from one foot bgs to a maximum of 12 feet bgs. For reference, Ranger has attached a copy of the cumulative soil analytical summary table for the Site, as well as a summary table of the field screening readings obtained during the test excavation installation process.

Due to the documented impacted areas adjacent to the active tank battery at the Site, removal operations will be conducted with caution to ensure that the integrity of the tank battery secondary containment is not threatened or affected. Upon reaching the initial proposed excavation boundaries toward the tank battery, the excavation base and side walls will be evaluated to ensure removal operations have been completed to appropriate boundaries.

Due to the presence of several underground lines which travel from the tank battery in an easterly direction, hydrovac activities will be completed prior to the soil removal operations in order to safely locate and uncover the lines.

The proposed excavation area will be irregularly shaped and is anticipated to have maximum dimensions of approximately 244 feet wide by 172 feet long. A *Proposed Excavation Area Map* is attached which illustrates the proposed initial excavation boundaries and depths. It should be noted that the final excavation boundaries and depths could vary from that presented on this map based upon the results of the excavation-related field screening activities and cleanup confirmation soil sample results.

Based on the proposed excavation boundaries and depths it is anticipated that approximately 2,700 cubic yards of material will be generated during the site remediation process. The excavated material will be transported off-site for disposal at an approved disposal facility.

3.2 Field Screening and Confirmation Sampling

During the soil removal process, Ranger personnel will conduct field screening of the excavation floor and walls using an organic vapor monitor (OVM) and a field chloride titration kit. The field screening results will be utilized to guide the excavation process and qualitatively determine when the excavation has been completed to the appropriate Table 1 Criteria. When the field screening results indicate that the excavation has been completed to appropriate boundaries, confirmation soil samples for laboratory analysis will be collected to confirm attainment of the appropriate Table 1 Criteria.

In the proposed four-foot-deep or greater excavation areas, discrete grab soil samples are proposed to be collected from various locations within the excavation floor to confirm that the excavation base is brought into attainment of the 19.15.29.12 NMAC Table 1 Criteria (GW >100'). Discrete grab soil samples are also proposed to be collected from the excavation side walls in each cardinal direction in the area anticipated to be excavated to a depth of 12 feet bgs (i.e. – the area surrounding former test excavation “TH-1”). The attached “*Proposed Confirmation Sample Location Map*” illustrates the approximate locations of the proposed cleanup confirmation soil samples.

To confirm that the excavation sidewalls and excavation base in the areas proposed to be excavated to depths of less than four-foot-deep are in attainment of the 19.15.29.13 NMAC Reclamation Criteria, soil samples will be collected in accordance with NMAC 19.15.29.12(D), as five-part composite samples with each sample representing no more than 200 square feet. The samples will be collected from various locations and depths along the excavation base and side walls. Upon collection, the composite sample parts will be placed into a new Ziplock® bag, thoroughly mixed, and a sample for laboratory analysis will be collected from the mixture.

The cleanup confirmation soil samples will be placed into laboratory-supplied containers and will be immediately placed into a sample shuttle containing ice. The samples will be transported to an approved laboratory for analysis total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and, total chloride using EPA Method 300. The samples will be collected and managed using standard QA/QC and chain-of-custody procedures.

3.3 Elevated Soil Concentrations Contingency Plan

In the event that the initial cleanup confirmation soil sample results indicate that soil chemical of concern (COC) concentrations remain in exceedance of the applicable Table 1 Criteria, additional soil removal and cleanup confirmation soil sampling activities will be conducted. Upon completion of any additional soil removal operations, additional cleanup confirmation soil samples will be collected to confirm the area has attained the appropriate Table 1 Criteria. The sample collection and analytical methodologies will be the same as described in Section 3.2.

In the event that elevated soil concentrations are discovered to remain in the excavation areas adjoining the Nicholas BJ Tank Battery, one of two methods will be utilized to address the need for further cleanup. If the soil COC concentrations are only minimally in exceedance of the proposed site closure criteria, then additional over-excavation (and cleanup confirmation



sampling) activities will be conducted if it is determined that this can be safely accomplished. In the event that excavation into the tank battery footprint area appears to be necessary, then coordination with the current operator, Silverback, will be necessary. In this event, a detailed update will be supplied to the NMOCD documenting the observed conditions, communications between EOG and Silverback, proposed remedial strategy, and project timeline adjustment estimates.

3.4 Excavation Backfill and Re-Vegetation

Upon attainment of the proposed site closure criteria, the excavated areas will be backfilled to grade with clean fill material of similar type to that which was removed. Due to the location of portions of the proposed excavation/remediation area on the active facility pad, the surface of these remediated areas will be completed with caliche pad material. The areas located outside of the facility pad boundaries will be completed appropriately with top-soil and will be re-vegetated with the James H & Betty R Howell Revocable Trust Seed Mix.

3.5 Remediation Schedule

Upon approval of the proposed remediation plan, all field activities will be scheduled as soon as reasonably possible. Since portions of the proposed remediation area are located within the footprint of the active facility pad, coordination with the current operator, Silverback, will be required so as not to limit or hinder their operations at the Site. Dependent upon this coordination and other unforeseen factors, it is anticipated that the proposed soil removal operations and cleanup confirmation soil sampling activities can be completed within 120 days of initiation.

As detailed above, in the event that remedial efforts are ultimately determined to be needed in the footprint of the Nicholas BJ Tank Battery, or if any of the proposed remedial efforts may cause operational difficulties for Silverback, then communication and coordination with Silverback will be necessary which could cause project delays. In this event, detailed updates will be supplied to the NMOCD as necessary documenting the observed conditions, communications between EOG and Silverback, proposed remedial strategies, and project timeline adjustment estimates.

4.0 SITE CLOSURE

Upon completion of the remedial and backfilling activities at the Site, a C-141 Closure Report will be submitted to the NMOCD, and site closure will be requested. The Closure Report will be completed in accordance with the closure reporting criteria detailed in NMAC 19.15.29.12(E).

FORM C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2127158905
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) nAPP2127158905
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.68959 Longitude -104.49939
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Nicholas BJ Battery	Site Type Battery
Date Release Discovered 9/21/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	5	19S	25E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Howell Revocable Trust)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Historical impacts reported by the surface owner. The environmental consultant contracted to investigate the area determined on 9/21/21 based on the impacted area footprint that the release more than likely breached the reportable volume threshold.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127158905
District RP	
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Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> 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: <u>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u></u>	Date: <u>9/28/21</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>10/01/2021</u>

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
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Site Assessment/Characterization*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

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

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

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

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

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

State of New Mexico
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Incident ID	
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Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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Remediation Plan

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

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

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

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

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

CONDITIONS

Action 52547

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52547
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	10/1/2021

State of New Mexico
Oil Conservation Division

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District RP	
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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? **The depth to groundwater still has to be confirmed via the installation of a temporary monitoring well. This plan has been submitted based upon the assumption that the depth to groundwater is greater than 100'. EOG will be proceeding with the installation of the temporary monitor well in order to confirm the site-specific depth to groundwater.*

>100' (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

**This data will be garnered through the installation of a temporary monitoring well at the subject site.*

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2127158905
District RP	
Facility ID	
Application ID	

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.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 03/18/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2127158905
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? **The depth to groundwater has been confirmed to be greater than 100l bgs via a soil boring/temporary monitor well completed in May 2022.*

>100' (ft bgs)

Did this release impact groundwater or surface water?

Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?

☐ Yes ☒ No

☐ 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?

Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?

☐ Yes ☒ No

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of a wetland?

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

☒ 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

Oil Conservation Division

Incident ID	nAPP2127158905
District RP	
Facility ID	
Application ID	

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.

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 07/13/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2127158905
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 07/13/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

FIGURES

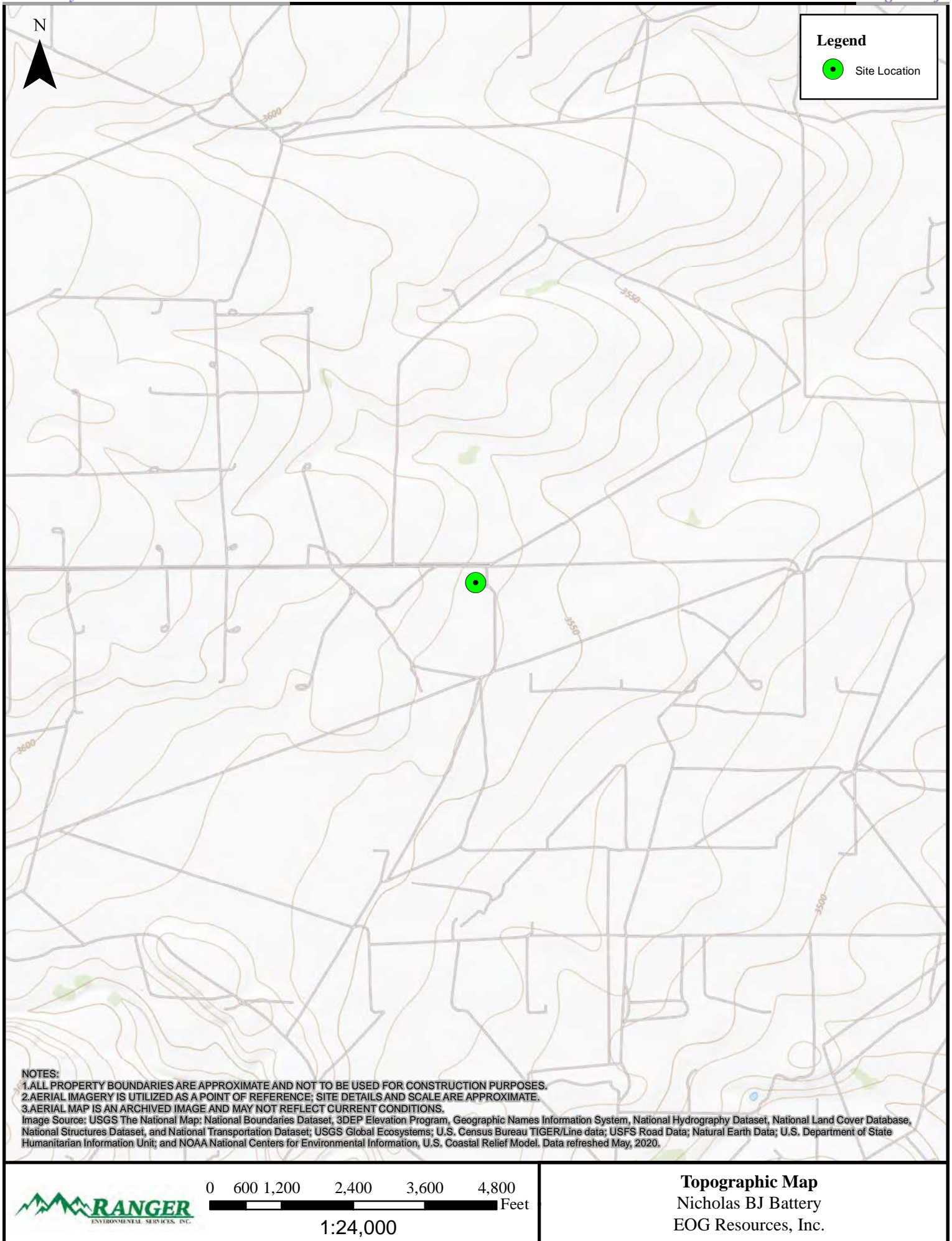
Topographic Map

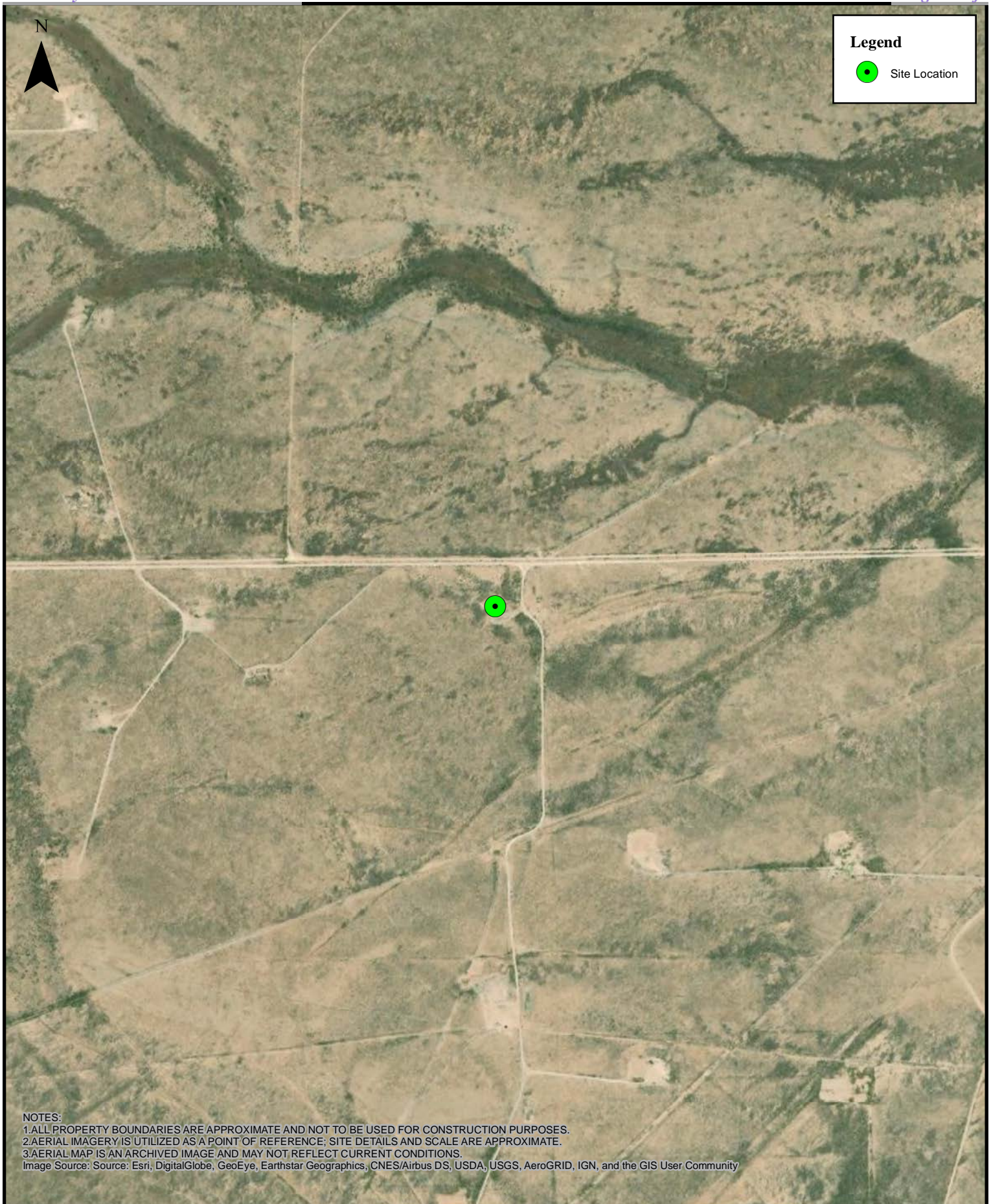
Area Map

DTGW Information Location Map

Proposed Excavation Area Map

Proposed Confirmation Sample Location Map

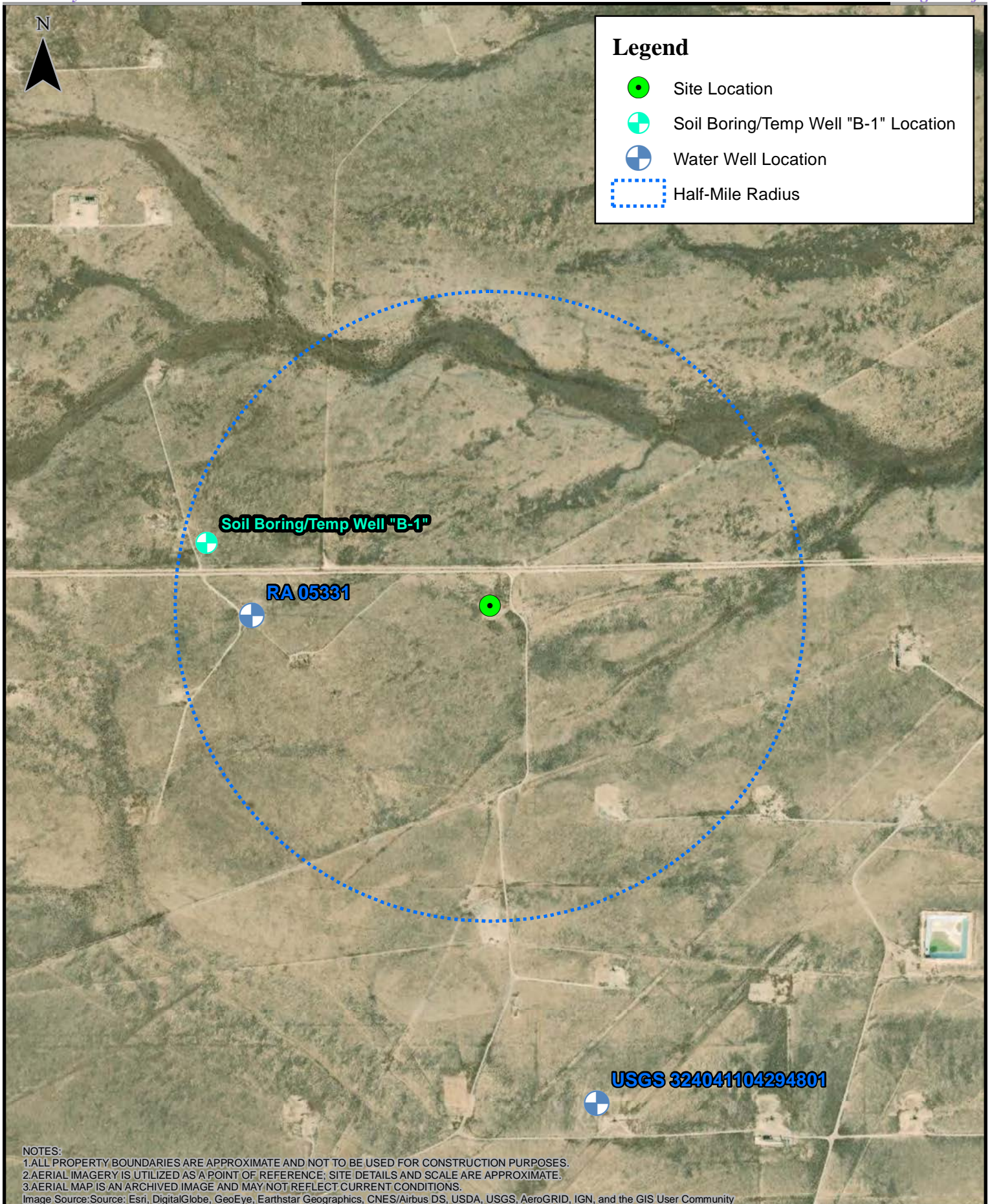




0 250 500 1,000 1,500 2,000 Feet

1:10,000

Area Map
Nicholas BJ Battery
EOG Resources, Inc.

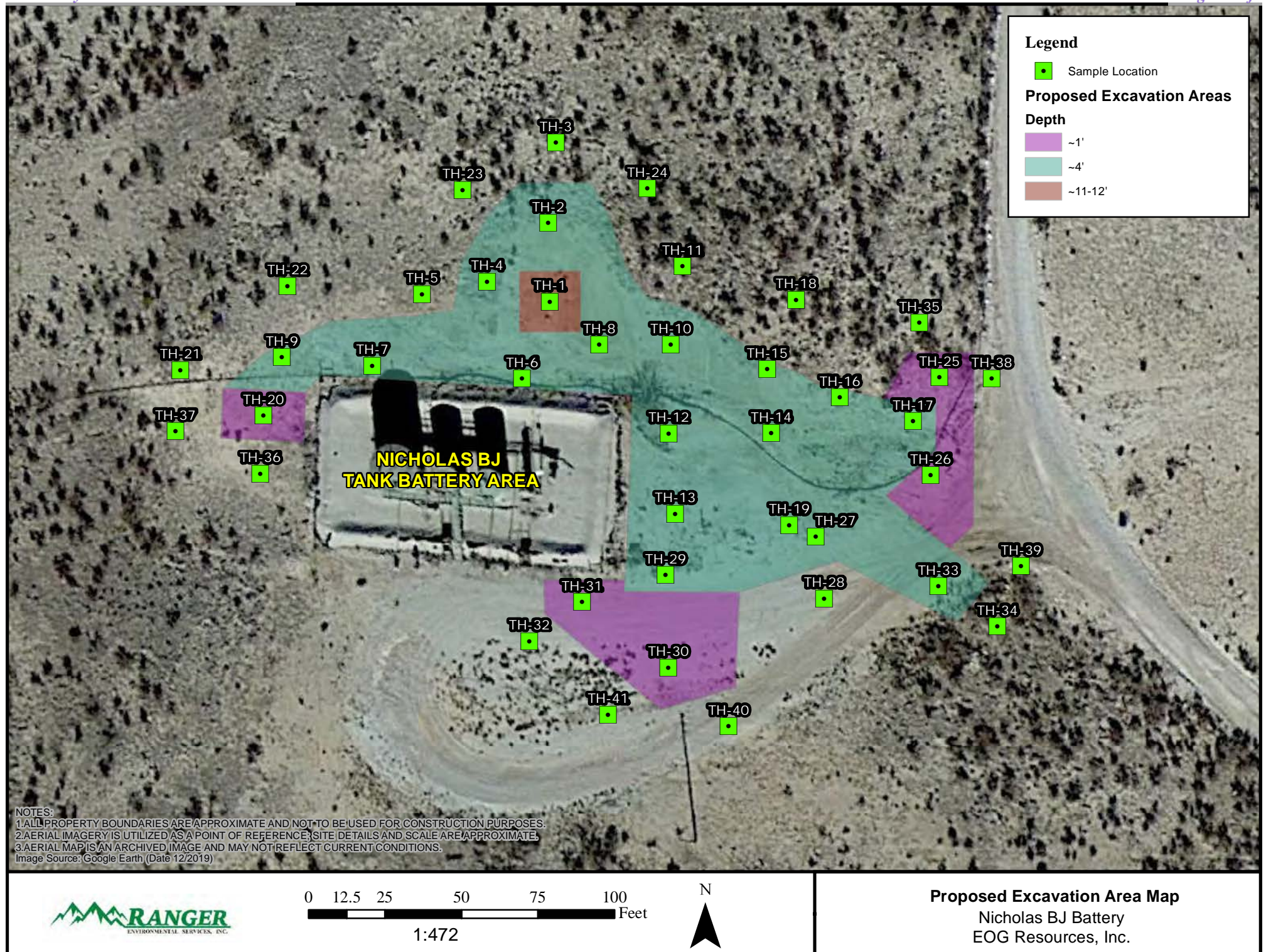


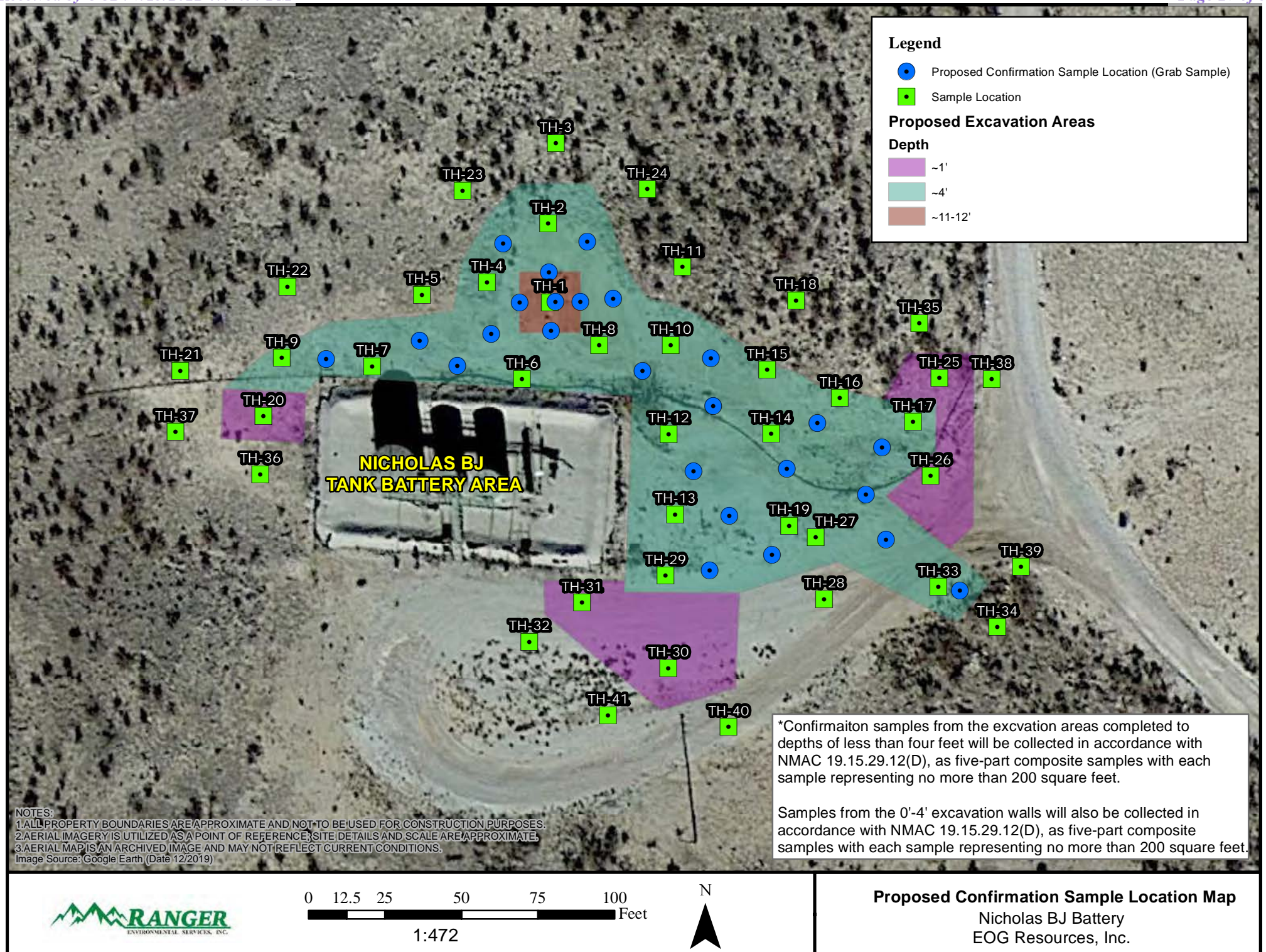
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1:12,500

DTGW Information Location Map

Nicholas BJ Battery
EOG Resources, Inc.





TABLES

Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300)
Analytical Data

Field Screening Summary Table

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. NICHOLAS BJ BATTERY													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Initial Site Assessment - September 2, 2021													
TH-1/3'	9/2/2021	3'	<0.12	<0.24	<0.24	<0.47	<0.47	78	10,000	9,200	10,078	19,200	4,200
TH-1/8'	9/2/2021	8'	<0.12	<0.25	<0.25	2.0	2.0	140	2,000	1,300	2,140	3,440	8,800
TH-1/14'	9/2/2021	14'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	13,000
TH-2/1'	9/2/2021	1'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<50	<9.9	<50	5,500
TH-2/10'	9/2/2021	10'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.5	<48	<9.5	<48	3,000
TH-2/14'	9/2/2021	14'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<49	<9.7	<49	3,000
TH-3/Surface	9/2/2021	0'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.7	<48	<9.7	<48	<60
TH-3/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.3	<47	<9.3	<47	<60
TH-4/2'	9/2/2021	2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.5	<47	<9.5	<47	<59
TH-4/8'	9/2/2021	8'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.9	<49	<9.9	<49	5,400
TH-4/14'	9/2/2021	14'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.4	<47	<9.4	<47	11,000
TH-5/Surface	9/2/2021	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
TH-5/4'	9/2/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	<60
TH-6/2'	9/2/2021	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.3	<47	<9.3	<47	2,200
TH-6/8'	9/2/2021	8'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<8.9	<45	<8.9	<45	5,500
TH-6/14'	9/2/2021	14'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.8	<49	<9.8	<49	6,600
TH-7/Surface	9/2/2021	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.4	<47	<9.4	<47	<60
TH-7/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.3	<41	<8.3	<41	3,000
TH-8/Surface	9/2/2021	0'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.6	<48	<9.6	<48	17,000
TH-8/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.8	<49	<9.8	<49	5,500
TH-8/14'	9/2/2021	14'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.2	<46	<9.2	<46	4,800
TH-9/Surface	9/2/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
TH-9/4'	9/2/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.6	<48	<9.6	<48	1,600
TH-10/Surface	9/2/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	17,000
TH-10/4'	9/2/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<48	<9.5	<48	110
TH-10/10'	9/2/2021	10'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<48	<9.7	<48	730
TH-11/Surface	9/2/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.7	<48	<9.7	<48	<60
TH-11/4'	9/2/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	<60
TH-12/2'	9/2/2021	2'	<0.048	<0.097	<0.097	<0.19	<0.19	39	47,000	42,000	47,000	89,039	540
TH-12/14'	9/2/2021	14'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	6,700
TH-13/Surface	9/2/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	540	2,900	540	3,440	320
TH-13/4'	9/2/2021	4'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	12	66	12	78	1,600
TH-14/Surface	9/2/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.6	<48	<9.6	<48	11,000
TH-14/4'	9/2/2021	4'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.9	<50	<9.9	<50	5,700
TH-15/Surface	9/2/2021	0'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.2	<46	<9.2	<46	<60
TH-15/4'	9/2/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	2,500
TH-16/Surface	9/2/2021	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	16	120	16	136	<60
TH-16/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.5	<48	<9.5	<48	1,100
TH-17/Surface	9/2/2021	0'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	63	310	63	373	<60
TH-17/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.6	<48	<9.6	<48	1,100
TH-18/Surface	9/2/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	<60
TH-18/4'	9/2/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	140
TH-19/Surface	9/2/2021	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	120	510	120	630	140
TH-19/4'	9/2/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<47	<9.3	<47	3,100

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. NICHOLAS BJ BATTERY													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Site Assessment - December 20-21, 2021													
TH-20/0	12/20/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	41	150	41	191	<60
TH-20/4	12/20/2021	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.6	<48	<9.6	<48	160
TH-21/0	12/20/2021	0'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.6	<48	<9.6	<48	<60
TH-21/4	12/20/2021	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.4	<47	<9.4	<47	79
TH-22/0	12/20/2021	0'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<47	<9.5	<47	<61
TH-22/4	12/20/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.2	<46	<9.2	<46	81
TH-23/0	12/20/2021	0'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.9	<49	<9.9	<49	<60
TH-23/4	12/20/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<48	<9.5	<48	100
TH-24/0	12/20/2021	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<10	<51	<10	<51	<60
TH-24/4	12/20/2021	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.0	<45	<9.0	<45	<60
TH-25/0	12/20/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	86	430	86	520	<60
TH-25/4	12/20/2021	4'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.2	<46	<9.2	<46	<60
TH-26/0	12/20/2021	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	33	150	33	188	<60
TH-26/4	12/20/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<10	<50	<10	<50	700
TH-27/4	12/20/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.1	<46	<9.1	<46	2,100
TH-27/8	12/20/2021	8'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.0	<45	<9.0	<45	520
TH-28/0	12/20/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<8.5	<43	<8.5	<43	94
TH-28/4	12/20/2021	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.5	<47	<9.5	<47	120
TH-29/4	12/21/2021	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	1,400
TH-29/9	12/21/2021	9'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.0	<45	<9.0	<45	700
TH-30/0	12/21/2021	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	86	290	86	376	<60
TH-30/4	12/21/2021	4'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.8	<49	<9.8	<49	750
TH-31/0	12/21/2021	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	53	210	53	263	800
TH-31/4	12/21/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<10	<50	<10	<50	510
TH-32/0	12/21/2021	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<9.9	<49	<60
TH-32/4	12/21/2021	4'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.9	<50	<9.9	<50	120
TH-33/3	12/21/2021	3'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<50	<9.9	<50	610
TH-33/6	12/21/2021	6'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	630
TH-34/0	12/21/2021	0'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	11	54	11	65	<60
TH-34/4	12/21/2021	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<10	<50	<10	<50	100
TH-35/0	12/21/2021	0'	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<9.7	<48	<9.7	<48	<60
TH-35/4	12/21/2021	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	<60

SOIL BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA EOG RESOURCES, INC. NICHOLAS BJ BATTERY													
All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	CHLORIDE
Site Assessment - January 11, 2022													
TH-36/0	1/11/2022	0'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<9.4	<47	<9.4	<47	<60
TH-36/4	1/11/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.8	<49	<9.8	<49	81
TH-37/0	1/11/2022	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
TH-37/4	1/11/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<10	<50	<10	<50	79
TH-38/1	1/11/2022	1'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<49	<9.7	<49	350
TH-38/4	1/11/2022	4'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.9	<50	<9.9	<50	440
TH-39/1	1/11/2022	1'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.3	<47	<9.3	<47	<60
TH-39/4	1/11/2022	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<49	<9.7	<49	890
TH-40/0	1/11/2022	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<8.8	<44	<8.8	<44	<60
TH-40/4	1/11/2022	4'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.0	<45	<9.0	<45	87
TH-41/0	1/11/2022	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<9.4	<47	<61
TH-41/4	1/11/2022	4'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.0	<45	<9.0	<45	95
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW >100')			10	---	---	---	50	---	---	---	1,000	2,500	20,000
19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)			10³	---	---	---	50³	---	---	---	---	100³	600
Notes:													
1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.													
2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.													
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.													

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm _v)	Sample Collected for Lab Analysis
TH-1	9/2/2021	0'	---	<1.0	
TH-1	9/2/2021	1'	450	1	
TH-1	9/2/2021	2'	---	12.3	
TH-1	9/2/2021	3'	>2,250	290	X
TH-1	9/2/2021	4'	---	315	
TH-1	9/2/2021	5'	>2,250	462	
TH-1	9/2/2021	6'	---	624	
TH-1	9/2/2021	8'	>2,250	696	X
TH-1	9/2/2021	10'	>2,250	607	
TH-1	9/2/2021	14'	>2,250	33	X
TH-2	9/2/2021	0'	750	<1.0	
TH-2	9/2/2021	1'	>2,250	1.1	X
TH-2	9/2/2021	2'	>2,250	<1.0	
TH-2	9/2/2021	3'	>2,250	<1.0	
TH-2	9/2/2021	4'	>2,250	<1.0	
TH-2	9/2/2021	5'	>2,250	1	
TH-2	9/2/2021	10'	>2,250	<1.0	X
TH-2	9/2/2021	14'	2,250	<1.0	X
TH-3	9/2/2021	0'	450	<1.0	X
TH-3	9/2/2021	1'	---	<1.0	
TH-3	9/2/2021	2'	375	6.7	
TH-3	9/2/2021	3'	---	7.1	
TH-3	9/2/2021	4'	450	26.7	X
TH-4	9/2/2021	0'	450	3.6	
TH-4	9/2/2021	2'	450	1.8	X
TH-4	9/2/2021	4'	1,200	<1.0	
TH-4	9/2/2021	6'	2,250	<1.0	
TH-4	9/2/2021	8'	2,250	<1.0	X
TH-4	9/2/2021	10'	2,100	<1.0	
TH-4	9/2/2021	14'	>2,250	<1.0	X
TH-5	9/2/2021	0'	525	<1.0	X
TH-5	9/2/2021	1'	---	1	
TH-5	9/2/2021	2'	300	1.5	
TH-5	9/2/2021	3'	---	2.1	
TH-5	9/2/2021	4'	300	5.6	X
TH-6	9/2/2021	0'	900	<1.0	
TH-6	9/2/2021	2'	>2,250	<1.0	X
TH-6	9/2/2021	4'	>2,250	<1.0	
TH-6	9/2/2021	6'	>2,250	<1.0	

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm_v)	Sample Collected for Lab Analysis
TH-6	9/2/2021	8'	>2,250	<1.0	X
TH-6	9/2/2021	10'	>2,250	<1.0	
TH-6	9/2/2021	14'	>2,250	<1.0	X
TH-7	9/2/2021	0'	525	<1.0	X
TH-7	9/2/2021	2'	>2,250	<1.0	
TH-7	9/2/2021	4'	2,250	2.1	X
TH-8	9/2/2021	0'	>2,250	<1.0	X
TH-8	9/2/2021	2'	>2,250	<1.0	
TH-8	9/2/2021	4'	>2,250	<1.0	X
TH-8	9/2/2021	6'	>2,250	<1.0	
TH-8	9/2/2021	8'	>2,250	<1.0	
TH-8	9/2/2021	10'	>2,250	<1.0	
TH-8	9/2/2021	14'	>2,250	<1.0	X
TH-9	9/2/2021	0'	300	<1.0	X
TH-9	9/2/2021	2'	300	<1.0	
TH-9	9/2/2021	4'	300	<1.0	X
TH-10	9/2/2021	0'	>2,250	<1.0	X
TH-10	9/2/2021	2'	600	<1.0	
TH-10	9/2/2021	4'	450	<1.0	X
TH-10	9/2/2021	6'	--	<1.0	
TH-10	9/2/2021	8'	--	<1.0	
TH-10	9/2/2021	10'	450	<1.0	X
TH-11	9/2/2021	0'	300	<1.0	X
TH-11	9/2/2021	2'	300	<1.0	
TH-11	9/2/2021	4'	300	<1.0	X
TH-12	9/2/2021	0'	---	1.9	
TH-12	9/2/2021	2'	---	70.7	X
TH-12	9/2/2021	4'	>2,250	<1.0	
TH-12	9/2/2021	6'	>2,250	<1.0	
TH-12	9/2/2021	8'	>2,250	<1.0	
TH-12	9/2/2021	10'	>2,250	<1.0	
TH-12		14'	>2,250	<1.0	X
TH-13	9/2/2021	0'	375	<1.0	X
TH-13	9/2/2021	2'	---	<1.0	
TH-13	9/2/2021	4'	1,050	<1.0	X
TH-14	9/2/2021	0'	>2,250	<1.0	X
TH-14	9/2/2021	2'	---	<1.0	

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm_v)	Sample Collected for Lab Analysis
TH-14	9/2/2021	4'	>2,250	<1.0	X
TH-15	9/2/2021	0'	450	<1.0	X
TH-15	9/2/2021	2'	---	<1.0	
TH-15	9/2/2021	4'	>1,500	<1.0	X
TH-16	9/2/2021	0'	525	<1.0	X
TH-16	9/2/2021	2'	---	<1.0	
TH-16	9/2/2021	4'	1,500	<1.0	X
TH-17	9/2/2021	0'	600	<1.0	X
TH-17	9/2/2021	2'	---	<1.0	
TH-17	9/2/2021	4'	1,200	<1.0	X
TH-18	9/2/2021	0'	450	<1.0	X
TH-18	9/2/2021	2'	300	<1.0	
TH-18	9/2/2021	4'	375	<1.0	X
TH-19	9/2/2021	0'	450	<1.0	X
TH-19	9/2/2021	2'	---	<1.0	
TH-19	9/2/2021	4'	<150	<1.0	X
TH-20	12/20/2021	0'	150	<1.0	X
TH-20	12/20/2021	1'	150	<1.0	
TH-20	12/20/2021	2'	150	<1.0	
TH-20	12/20/2021	3'	150	<1.0	
TH-20	12/20/2021	4'	150	<1.0	X
TH-21	12/20/2021	0'	150	<1.0	X
TH-21	12/20/2021	1'	150	<1.0	
TH-21	12/20/2021	2'	150	<1.0	
TH-21	12/20/2021	3'	150	<1.0	
TH-21	12/20/2021	4'	150	<1.0	X
TH-22	12/20/2021	0'	150	<1.0	X
TH-22	12/20/2021	1'	150	<1.0	
TH-22	12/20/2021	2'	150	<1.0	
TH-22	12/20/2021	3'	150	<1.0	
TH-22	12/20/2021	4'	150	<1.0	X
TH-23	12/20/2021	0'	150	<1.0	X
TH-23	12/20/2021	1'	150	<1.0	
TH-23	12/20/2021	2'	150	<1.0	
TH-23	12/20/2021	3'	150	<1.0	
TH-23	12/20/2021	4'	150	<1.0	X

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm_v)	Sample Collected for Lab Analysis
TH-24	12/20/2021	0'	150	<1.0	X
TH-24	12/20/2021	1'	150	<1.0	
TH-24	12/20/2021	2'	150	<1.0	
TH-24	12/20/2021	3'	150	<1.0	
TH-24	12/20/2021	4'	150	<1.0	X
TH-25	12/20/2021	0'	150	<1.0	X
TH-25	12/20/2021	1'	150	<1.0	
TH-25	12/20/2021	2'	150	<1.0	
TH-25	12/20/2021	3'	150	<1.0	
TH-25	12/20/2021	4'	150	<1.0	X
TH-26	12/20/2021	0'	150	<1.0	X
TH-26	12/20/2021	1'	150	1	
TH-26	12/20/2021	2'	150	<1.0	
TH-26	12/20/2021	3'	300	<1.0	
TH-26	12/20/2021	4'	450	<1.0	X
TH-27	12/20/2021	0'	150	<1.0	
TH-27	12/20/2021	1'	225	<1.0	
TH-27	12/20/2021	2'	600	<1.0	
TH-27	12/20/2021	3'	750	1.1	
TH-27	12/20/2021	4'	1,200	1.1	X
TH-27	12/20/2021	5'	600	<1.0	
TH-27	12/20/2021	6'	600	<1.0	
TH-27	12/20/2021	7'	300	<1.0	
TH-27	12/20/2021	8'	300	<1.0	X
TH-28	12/20/2021	0'	150	<1.0	X
TH-28	12/20/2021	1'	300	<1.0	
TH-28	12/20/2021	2'	300	<1.0	
TH-28	12/20/2021	3'	150	<1.0	
TH-28	12/20/2021	4'	150	<1.0	X
TH-29	12/21/2021	0'	225	<1.0	
TH-29	12/21/2021	1'	150	<1.0	
TH-29	12/21/2021	2'	300	<1.0	
TH-29	12/21/2021	3'	450	<1.0	
TH-29	12/21/2021	4'	1,050	<1.0	X
TH-29	12/21/2021	5'	900	<1.0	
TH-29	12/21/2021	6'	600	<1.0	
TH-29	12/21/2021	7'	750	<1.0	
TH-29	12/21/2021	8'	450	<1.0	
TH-29	12/21/2021	9'	450	1	X

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm_v)	Sample Collected for Lab Analysis
TH-30	12/21/2021	0'	150	<1.0	X
TH-30	12/21/2021	1'	150	<1.0	
TH-30	12/21/2021	2'	300	<1.0	
TH-30	12/21/2021	3'	450	<1.0	
TH-30	12/21/2021	4'	450	<1.0	X
TH-31	12/21/2021	0'	600	<1.0	X
TH-31	12/21/2021	1'	300	<1.0	
TH-31	12/21/2021	2'	450	<1.0	
TH-31	12/21/2021	3'	300	<1.0	
TH-31	12/21/2021	4'	450	<1.0	X
TH-32	12/21/2021	0'	150	<1.0	X
TH-32	12/21/2021	1'	150	<1.0	
TH-32	12/21/2021	2'	150	1.2	
TH-32	12/21/2021	3'	150	<1.0	
TH-32	12/21/2021	4'	150	<1.0	X
TH-33	12/21/2021	0'	150	<1.0	
TH-33	12/21/2021	1'	450	1.1	
TH-33	12/21/2021	2'	450	1.1	
TH-33	12/21/2021	3'	900	<1.0	X
TH-33	12/21/2021	4'	750	<1.0	
TH-33	12/21/2021	5'	600	1.1	
TH-33	12/21/2021	6'	450	<1.0	X
TH-34	12/21/2021	0'	150	<1.0	X
TH-34	12/21/2021	1'	150	<1.0	
TH-34	12/21/2021	2'	150	<1.0	
TH-34	12/21/2021	3'	150	<1.0	
TH-34	12/21/2021	4'	150	<1.0	X
TH-35	12/21/2021	0'	150	<1.0	X
TH-35	12/21/2021	1'	150	<1.0	
TH-35	12/21/2021	2'	150	<1.0	
TH-35	12/21/2021	3'	150	<1.0	
TH-35	12/21/2021	4'	150	<1.0	X
TH-36	1/11/2022	0'	150	<1.0	X
TH-36	1/11/2022	1'	150	<1.0	
TH-36	1/11/2022	2'	150	<1.0	
TH-36	1/11/2022	3'	150	<1.0	
TH-36	1/11/2022	4'	150	<1.0	X

FIELD SCREENING SUMMARY TABLE EOG RESOURCES, INC. NICHOLAS BJ BATTERY					
Sample Location ID	Date	Depth (ft-bgs)	Field Chloride Reading (mg/Kg)	OVM Reading (ppm_v)	Sample Collected for Lab Analysis
TH-37	1/11/2022	0'	150	<1.0	X
TH-37	1/11/2022	1'	150	<1.0	
TH-37	1/11/2022	2'	150	<1.0	
TH-37	1/11/2022	3'	150	<1.0	
TH-37	1/11/2022	4'	150	<1.0	X
TH-38	1/11/2022	0'	150	<1.0	
TH-38	1/11/2022	1'	300	<1.0	X
TH-38	1/11/2022	2'	300	<1.0	
TH-38	1/11/2022	3'	300	<1.0	
TH-38	1/11/2022	4'	450	<1.0	X
TH-39	1/11/2022	0'	150	<1.0	
TH-39	1/11/2022	1'	150	<1.0	X
TH-39	1/11/2022	2'	150	<1.0	
TH-39	1/11/2022	3'	300	<1.0	
TH-39	1/11/2022	4'	450	<1.0	X
TH-40	1/11/2022	0'	150	<1.0	X
TH-40	1/11/2022	1'	150	<1.0	
TH-40	1/11/2022	2'	150	<1.0	
TH-40	1/11/2022	3'	150	<1.0	
TH-40	1/11/2022	4'	150	<1.0	X
TH-41	1/11/2022	0'	150	<1.0	X
TH-41	1/11/2022	1'	150	<1.0	
TH-41	1/11/2022	2'	150	<1.0	
TH-41	1/11/2022	3'	150	<1.0	
TH-41	1/11/2022	4'	150	<1.0	X

ATTACHMENT 1 – DEPTH-TO-GROUNDWATER DATA



STRATIGRAPHIC AND INSTRUMENTATION LOG (BEDROCK)

Page 1 of 2

PROJECT NAME: Nicholas BJ (Battery)

HOLE DESIGNATION: SB-1

PROJECT NUMBER: 12579884

DATE COMPLETED: 6 May 2022

CLIENT: EOG Resources

DRILLING METHOD: Air Rotary/Split Spoons and Cuttings

LOCATION: Eddy County, New Mexico

FIELD PERSONNEL: L. Mullins

DRILLING CONTRACTOR: HCI Drilling

DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	RUN NUMBER	CORE RECOVERY %	RQD %
5	SP-SAND, fine to medium grained sand, with partially consolidated caliche, interbedded throughout					
10						
15						
20						
25						
30						
35	- light brown to reddish at 32.00ft BGS					
40						
45						
50	- with partially consolidated sandstone at 47.00ft BGS					
55						
60						
65						

NOTES:

File: \\GHDNET\GHD\USMIDLAND\PROJECTS\56212579884\TECH\GINT\LOGS\12579884 LOGS.GPJ Library File: GHD_ENV\RO_V06.GLB Report: BEDROCK LOG Date: 9/6/22



STRATIGRAPHIC AND INSTRUMENTATION LOG (BEDROCK)

Page 2 of 2

PROJECT NAME: Nicholas BJ (Battery)

HOLE DESIGNATION: SB-1

PROJECT NUMBER: 12579884

DATE COMPLETED: 6 May 2022

CLIENT: EOG Resources

DRILLING METHOD: Air Rotary/Split Spoons and Cuttings

LOCATION: Eddy County, New Mexico

FIELD PERSONNEL: L. Mullins

DRILLING CONTRACTOR: HCI Drilling

DRILLER: K. Cooper

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	MONITORING WELL	RUN NUMBER	CORE RECOVERY %	RQD %
75	CL-SANDY CLAY, grey, dry - slightly moist at 75.00ft BGS	70.00				
80						
85						
90						
95						
100						
105						
110	END OF BOREHOLE @ 109.00ft BGS	109.00				
115						
120						
125						
130						
135						

NOTES: Temp Well Gauged on May 11, 2022 and no groundwater was detected. Temp well was plugged and abandoned.

File: \\GHDNET\GHD\USMIDLAND\PROJECTS\12579884\TECH\GINT\LOGS\12579884 LOGS.GPJ Library File: GHD_ENV\RO_V06.GLB Report: BEDROCK LOG Date: 9/6/22

WELL DETAILS

Screened interval:

99.00 to 109.00ft BGS

Length: 10ft

Diameter: 2in

NOTE:

This well was plugged and abandoned.

2" Ø Screen



New Mexico Office of the State Engineer
Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number
----------	------------

Q64 Q16 Q4 Sec TwS Rng

X	Y
----------	----------

RA 05331

1 1 4 05 19S 25E

546308 3616955*

—
x

Driller License: 353

Driller Company: OSBOURN DRILLING & PUMP CO.

Driller Name:**Drill Start Date:** 04/05/1967

Drill Finish Date: 04/13/1967

Plug Date:

Log File Date: 04/17/1967

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.50

Depth Well: 460 feet

Depth Water: 305 feet

—
y

Water Bearing Stratifications:

Top	Bottom	Description
1	2	3

328 364 Limestone/Dolomite/Chalk

398 440 Other/Unknown

—
x

Casing Perforations:

Top Bottom

400 440

—
X

***UTM location was derived from PLSS - see Help**

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

11/30/21 3:23 PM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

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Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 324041104294801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324041104294801 19S.25E.08.42222

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°40'41", Longitude 104°29'48" NAD27

Land-surface elevation 3,539 feet above NAVD88

The depth of the well is 142 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

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

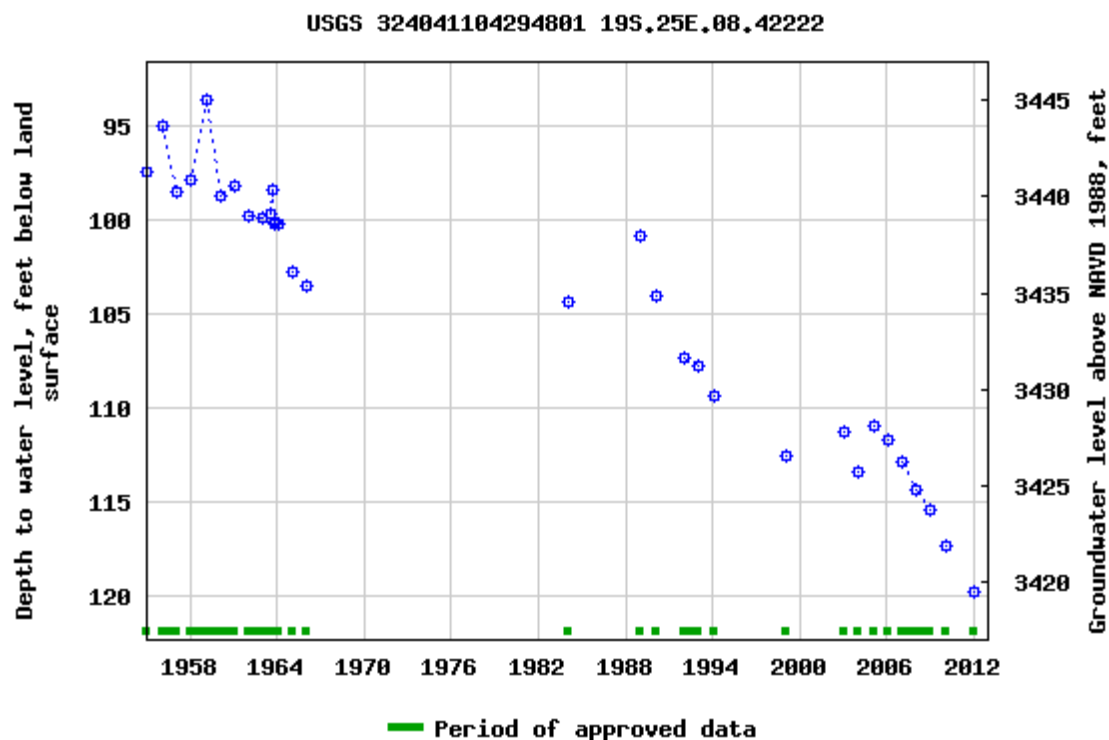
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Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2022-03-14 13:05:48 EDT

0.71 0.59 nadww01

ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION



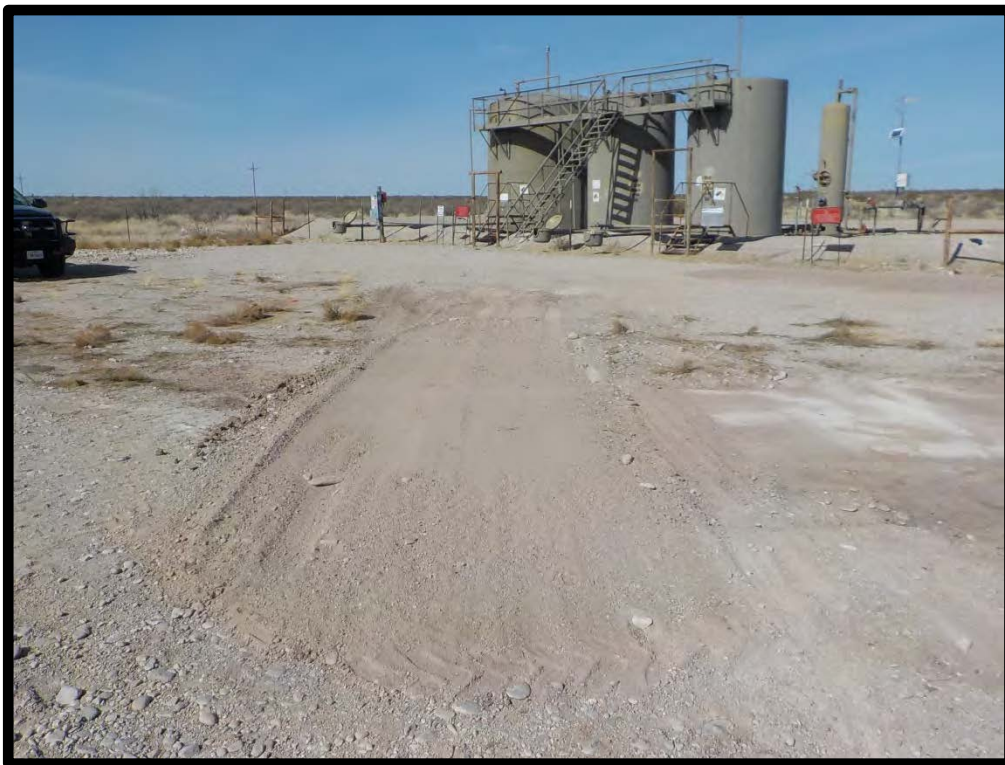
PHOTOGRAPH NO. 1 – A general view of the reported area north of the tank battery on September 2, 2021. The view is towards the west.

(Approximate GPS: 32.689592, -104.499407)



PHOTOGRAPH NO. 2 – A general view of the reported area east of the tank battery on September 2, 2021. The view is towards the north.

(Approximate GPS: 32.689423, -104.499326)



PHOTOGRAPH NO. 3 – A general view of the active facility pad area. The view is towards the northwest.

(Approximate GPS: 32.689298, -104.499296)

**ATTACHMENT 3 – James H & Betty R Howell
Revocable Trust Seed Mix**

James H & Betty R Howell Revocable Trust Seed Mix

1lb per acre of Plains Bristlegrass

2lbs per acre of Green Sprangletop

3lbs per acre of Side Oats Gramma

2lbs per acre of Blue Gramma

Increase to 16lbs per acre if broadcast.

Add Reclamation Mix

40% Ryegrass (Annual)

10% Millet

7.5% Kleingrass

5.7% Sideoats

5% Green Sprangletop

7.5% Bristlegrass

10% Western Wheatgrass

10% Buffalograss

2.5% Blue Grama

PLANTING RATE 20 lbs. per acre

Updated 5/23/2021

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 125217

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 125217
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. A closure report will need to be completed and uploaded within 90 days.	11/4/2022