

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

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

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

Incident ID	nAPP2300944751
District RP	
Facility ID	
Application ID	174064

## Release Notification

### Responsible Party

Responsible Party: Novo Oil & Gas Northern Delaware, LLC	OGRID: 372920
Contact Name: Kurt A. Shipley	Contact Telephone: 405-286-3916
Contact email: kshipley@novooog.com	Incident # (assigned by OCD): nAPP2300944751
Contact mailing address: 1001 West Wilshire Blvd., Suite 206 Oklahoma City, OK 73116	

### Location of Release Source

Latitude 32.30913° NLongitude -104.05088° W  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Ovation Pad - O	Site Type: Well Pad - CTB
Date Release Discovered: 01/07/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	14	T23S	R28E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: Lionel Onsurez)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls): Estimated 15	Volume Recovered (bbls): 15 (liquids & soil)
<input type="checkbox"/> Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

## Cause of Release

At 7:30 am (MT) on 01/07/2023, a minor release of oil occurred on the Novo Ovation Pad-O CTB. The entire volume of the release was contained within the active pad area. Field operation indicate the cause of the release was the result of a failed heater treater fire-tube. Novo was able to quickly identify the failure and shut-in flow.

Volume of the release was estimated flow from the fire-tube during the release and by approximate dimensions of the surface release area (an irregular shaped area approximately 27' x 30' - but not all surface was affected). Eight barrels of oil was immediately removed by vacuum truck.

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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?  Estimated volume of crude oil and produced water is less than 25 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 01/07/2023 - Kurt Shipley (Novo Oil and Gas) contacted landowner to notify of incident 01/09/2023 – Bryan Haney with Altamira provided email notification to Mike Bratcher and Robert Hamlet at NMOCD 01/09/2023 – Bryan Haney with Altamira conducted notification to the NMOCD online system	

### 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:  All initial response actions above have been completed.  Remediation efforts (excavated affected soil) will be confirmed with sampling.
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>Kurt A. Shipley</u> Title: <u>Chief Operating Officer</u>  Signature: _____ Date: <u>January 9, 2023</u>  email: <u>kshipley@novoog.com</u> Telephone: <u>405-286-3916</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

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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?	<u>51</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" 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.

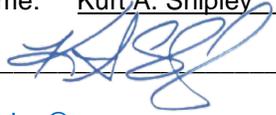
<p><b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li><input checked="" type="checkbox"/> Field data</li> <li><input checked="" type="checkbox"/> Data table of soil contaminant concentration data</li> <li><input checked="" type="checkbox"/> Depth to water determination</li> <li><input checked="" type="checkbox"/> Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release</li> <li><input checked="" type="checkbox"/> Boring or excavation logs</li> <li><input checked="" type="checkbox"/> Photographs including date and GIS information</li> <li><input checked="" type="checkbox"/> Topographic/Aerial maps</li> <li><input checked="" type="checkbox"/> Laboratory data including chain of custody</li> </ul>
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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.

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Oil Conservation Division

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

Printed Name: Kurt A. Shipley Title: Chief Operating Officer  
Signature:  Date: 3.23.2023  
email: [kshipley@novoog.com](mailto:kshipley@novoog.com) Telephone: 405-286-3916

**OCD Only**

Received by: Jocelyn Harimon Date: 03/27/2023

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## Remediation Plan NOT APPLICABLE FOR THIS PROJECT

**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: Kurt A. Shipley Title: Chief Operating Officer

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: [kshipley@novoog.com](mailto:kshipley@novoog.com) Telephone: 405-286-3916

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved
  Approved with Attached Conditions of Approval
  Denied
  Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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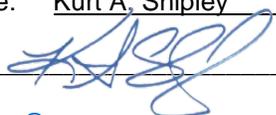
## Closure

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 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: Kurt A. Shipley Title: Chief Operating Officer  
 Signature:  Date: 3.23.2023  
 email: kshipley@novooog.com Telephone: 405-286-3916

**OCD Only**

Received by: Jocelyn Harimon Date: 03/27/2023

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: 08/15/2023  
 Printed Name: Jocelyn Harimon Title: Environmental Specialist

**Release Response Action Completion  
& Closure Report  
Incident ID No. nAPP2300944751  
Novo Oil & Gas Ovation Pad – O - Heater Treater Release  
Discovery Date: January 07, 2023  
Eddy County, New Mexico**

***Prepared for:  
Novo Oil & Gas Northern Delaware, LLC  
1001 West Wilshire Blvd., Suite 206  
Oklahoma City, Oklahoma 73116***

***Prepared By:  
Altamira-US  
Bryan Haney, P.G. TX 929  
Corpus Christi, Texas 78418  
(361)658-3126***

**March 22, 2023**



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**ACRONYMS AND ABBREVIATIONS**

- Altamira Altamira-US, LLC
- Novo Novo Oil & Gas Northern Delaware, LLC
- bgs below ground surface
- mg/Kg milligram per kilogram
- NMOCD New Mexico Oil Conservation District
- TPH Total Petroleum Hydrocarbons
- BTEX Benzene, Toluene, Ethylbenzene, Xylenes

## 1.0 INTRODUCTION

Novo Oil & Gas Northern Delaware, LLC (Novo Oil & Gas) (OGRID No. 372920) operate a facility known as the “Ovation Fed Com 1318” (Ovation Pad-O) located in Unit A, Section 14, T23S, R28E, in Eddy County, New Mexico. On January 7, 2023, field personnel for Novo Oil & Gas discovered a release of crude oil liquids associated with a failed heater treater fire-tube at latitude 32.30913°, longitude -104.05088° (**Figure 1 and Figure 2**). This Release Response Action & Closure Report has been prepared to document initial response actions, remediation, and site closure efforts.

### 1.1 Release Details and Initial Response

On January 7, 2023, at approximately 7:30 am, Novo personnel identified a release from a heater treater fire-tube situated within the active pad area. Approximately 15 barrels of crude oil liquids released onto the adjacent pad area. The release was contained to the immediate area near the heater treaters, VRU and other permanent equipment. Upon discovery of the release, Novo was able to shut in flow to the unit. The release affected the surface pad area on the Ovation Pad-O of approximately 27' x 30' (**Figure 3**) and was irregular shaped due to the various pieces of operational equipment.

Novo Oil & Gas estimated approximately 15 barrels of crude oil liquids were released; and approximately 15 barrels of crude oil liquids were recovered using vacuum trucks and removal of affected soil. The release volume was estimated based on the approximate dimensions of the surface release area.

### 1.2 Notification

Based on the quantity of fluid released being less than 25 barrels, the release was determined to be a minor release per 19.15.29.1.B NMAC. The initial release notification was submitted online to the New Mexico Oil Conservation District (NMOCD) on January 9, 2023. The OCD issued incident ID# nAPP2300944751.

The C-141 Release Notification Form was submitted to the online portal on January 9, 2023 (**Attachment A**).

### 1.3 Project Objectives

The project objectives were to: 1) conduct initial release cleanup efforts, 2) physically remove affected soil containing constituent concentrations that exceed the NMOCD cleanup levels, and 3) restore and reclaim the remediated areas.

### 1.4 Regulatory Framework

The Site is subject to environmental regulatory oversight by the NMOCD. Notification, assessment, and response action activities were conducted in accordance with guidelines outlined in 19.15.29 NMAC.

## **2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE**

### **2.1 Standard of Care**

Altamira's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same period of time. Altamira makes no warranties, expressed or implied, as to the services performed hereunder. Additionally, Altamira does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

### **2.2 Additional Limitations**

Findings, conclusions and recommendations resulting from these services are based upon information derived from the services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Altamira cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Altamira's findings and recommendations are based solely upon data available to Altamira at the time of these services.

## **3.0 RECEPTOR AND WATER SOURCES SURVEY**

### **3.1 Wellhead Protection Discussion**

During assessment field activities, Altamira field personnel conducted a 500-foot walking radius search of the surrounding area to determine the presence of any known private or domestic water sources. During the search, no water wells or springs were identified within 500-feet of the release area. However, Harroun Ditch (dry man-made ditch/canal for irrigation) is present approximately 450 feet southwest of the Site. At the time of remediation activities, the ditch was dry. The release did not result in any adverse effects to Harroun Ditch.

Altamira also reviewed available maps, satellite imagery, and reviewed the New Mexico Office of the State Engineers GIS database to search for known water wells. Altamira ordered a water well search conducted by Banks Environmental Data. No monitoring wells or other subsurface water conveyances were identified within 0.5 miles of the release area (**Appendix B**). The Banks report did identify seven water well locations within 0.25 miles of the release location. The water wells were associated with US Borax and Chemical for exploration and the USGS with unknown use ("not reported"). Based on the location of the release and proximity to possible water wells (if present), there is no risk to the water wells identified in the Banks report.

Based on review of the FEMA Flood Map for the site area, the release area is location in Zone A "No base flood elevations determined" (FIRM Panel 35015C1350D).

Release Response Action Completion & Closure Report  
Novo Oil & Gas – Ovation Pad-O Heater Treater Release  
Discovery Date: January 07, 2023

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### 3.2 Significant Water Source Discussion

Altamira conducted a review of the significant watercourses nearest the release area. The Pecos River is located approximately 750 feet west-southwest of the Site. The release did not result in any adverse effects to the Pecos River. Salt Lake is located approximately 1.5 miles east-southeast of the Site area. No other watercourses were identified within a 0.5-mile radius of the release area.

### 3.3 Determination of Depth to Groundwater

Due to the proximity of the Site area to the Pecos River, it was assumed for this specific Site remediation project that depth to groundwater was less than 50 feet below ground surface. Based on the assumed depth to groundwater, analytical data results were compared to Closure Criteria for groundwater encountered at depths less than 51 feet below ground surface.

## 4.0 REMEDIATION

Based on the volume of the release (minor – estimated 15-barrels), Novo determined the best course of action was to move directly to remediation of the affected soil located on Pad-O. Affected soil remediation was conducted on the on-site property between January 7 through February 16, 2023. Affected soil was excavated or hydro-excavated and loaded into trucks for transport and disposal at the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. Confirmation soil sampling was conducted to determine the effectiveness of soil remediation efforts. Details regarding the affected soil remediation and post excavation confirmation soil sampling are provided below. Site photographs are provided in **Appendix C**. Field documentation is provided in **Appendix D**.

### 4.1 Confirmation Soil Sampling and Analysis Plan

Confirmation soil samples collected post excavation were analyzed by Cardinal Laboratories in Hobbs, New Mexico, accredited by the National Environmental Laboratory Accreditation Program (NELAP) for environmental sample analysis requirements. The sampling program and laboratory methods used for the analysis for the project are listed in the following table. Altamira utilized the Oil Conservation Commission guidance and regulations under Title 19, Chapter 15, Part 29 to address the release and constituents of concern. The executed chain-of-custody documents and laboratory reports are provided in **Appendix F**.

Release Response Action Completion & Closure Report  
 Novo Oil & Gas – Ovation Pad-O Heater Treater Release  
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Sample Type	Analysis	Laboratory Method
Soil	Total Petroleum Hydrocarbons (TPH)	8015M
Soil	Benzene, Toluene, Ethylbenzene, Xylenes	8260B
Soil	Chlorides	4500-Cl-B

#### 4.2 Soil Remediation Activities

Altamira and Novo provided notification to the OCD via email (**Appendix A**) on January 13, 2023 regarding the intent to conduct soil remediation and confirmation soil sampling at the Novo Ovation Pad-O release area.

During January 7 through February 16, 2023, Novo conducted soil remediation activities on the Ovation Pad-O facility at and adjacent to the Heater Treater release point and around other active equipment (VRUs, separators, heater treaters). The release footprint was irregular shaped and butted against the concrete footings of the various pieces of active equipment. Following the release and removal of standing liquids, the visual extent of the known affected soil area was marked. A grid system was established to identify the excavation areas and 200-square foot confirmation soil sample grid areas. The sample grids were measured and marked with wooden stakes. The sample grids were numbered OPN-1 through OPN-21 (**Figure 3**). The overall dimensions of the gridded and remediated area were approximately 120 feet by 40 feet. The overall remediation area was larger than the original irregular shaped estimated release area due to the various pieces of equipment and to ensure full remediation was achieved. The on-site active pad area consists of limestone-caliche base material used to create the active pad area. The caliche material is hard and dry. There is no vegetation growing on the Ovation Pad-O area. Native soil below the pad base consisted of a reddish silty sand.

Rouge Services was contracted by Novo to conduct the soil excavation, loading, and hauling. Affected soil excavation (hydro-excavation) began on January 7, 2023, and continued through February 16, 2023. Excavated soil was either stockpiled on plastic sheeting or direct loaded to trucks. Water derived from hydro-excavation was either allowed to dry within the stockpile or was removed via vac truck. Soil within each grid was initially excavated to three feet below ground surface. Sidewalls were tapered towards the natural ground surface along most the north side of the excavation. The sidewalls along the south and west sides of the excavated area consisted of concrete footings or walls (no earthen sidewall present). Two earthen sidewalls were created and sampled along the far east portion of the excavation where equipment and concrete footings were not present. Following excavation at each grid, confirmation soil samples were collected and submitted to Cardinal Laboratories for analysis.

Confirmation soil samples were collected within each 200 square foot grid (14' x 14') and consisted of a 5-point composite sample (generally one from the center and one outward near each corner area). Confirmation soil samples were initially analyzed for chlorides, TPH, and BTEX as described in section 4.1 of this report. Analytical results for each confirmation grid

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sample were evaluated to the most stringent criteria per *Table I – Closure Criteria for Soils Impacted by a Release*. Analytical data results are presented on **Table 1**. If analytical data results showed a chemical constituent exceeded the Closure Criteria Level, soil in that particular grid area was further excavated downward another foot and resampled. Laboratory analysis for soil samples for grids that were further excavated were only analyzed for those chemical constituents that previously exceeded the Closure Criteria Level in the previous depth interval. This process continued until the concentration of all targeted chemical constituents were below the respective Closure Criteria Level.

### 4.3 Waste Management

As described above, affected soil associated with the release was transported to the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. A New Mexico Non-Hazardous Oilfield Waste Manifest was prepared for each truck load of soil material. Manifests are provided in **Appendix E**. A total of 30 truckloads of soil (approximately 494 cubic yards) were transported and disposed for the remediation effort.

## 5.0 DATA RESULTS & EVALUATION

Altamira utilized guidance from 19.15.29 NMAC, specifically *Table I - Closure Criteria for Soils Impacted by a Release* to assess soil sample analytical data collected at the Site. Depth to groundwater at the site was not investigated but assumed to be less than 50 feet below ground surface based on the proximity of the Site to the Pecos River. The most stringent closure criteria action levels were utilized to evaluate analytical results for remediation and site closure. Analytical results are provided in **Table 1** and Laboratory Analytical Data Report are provided in **Appendix F**.

As previously described, work and confirmation soil sample grids were measured and marked on 14 foot by 14 foot grid areas (less than 200 square feet). The overall grid area was setup in a conservative manner so that grids included known and suspected affected soil areas, but also overlapped into known unaffected soil areas. The remediation area and associated sample grids are depicted on **Figure 3**.

### 5.1 Confirmation Soil Sampling Results

#### 5.1.1 Chlorides

Analytical results for chlorides within the known release area grids were below 600 mg/kg. The earthen east and north side-walls initially exhibited concentrations of chlorides greater than 600 mg/kg. As a result, the two side-walls were further excavated from the surface to 3' below ground surface and resampled. Analytical results for the resampled side-walls showed chloride results less than 600 mg/kg. **Remediation of chlorides in soil has been completed.**

#### 5.1.2 TPH

TPH was analyzed on all initial confirmation soil samples. TPH (C6-C-36) was detected above 100 mg/kg in grid soil samples OPN-2 (3-3.5') and OPN-17 (3-3.5'). Following excavation of soil in these areas, additional confirmation soil samples were collected and analyzed. Analytical

Release Response Action Completion & Closure Report  
Novo Oil & Gas – Ovation Pad-O Heater Treater Release  
Discovery Date: January 07, 2023

---

results showed TPH concentrations were either not detected above the laboratory reporting limit or were below 100 mg/kg.

Analytical results for all other post excavation confirmation soil samples show low level TPH concentrations were detected below 100 mg/kg, or concentrations not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.**

### 5.1.3 BTEX

For the purpose of assessment and in accordance with regulatory guidance, benzene and total BTEX concentrations were compared to an assessment level of 10 mg/kg and 50 mg/kg, respectively. Analytical results for all grid and side-wall samples showed BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of BTEX in soil has been completed.**

## 5.2 Final Data Evaluation

As described above, the known and probable affected soil areas were marked within 200 square foot grids for excavation and confirmation soil sampling. Following excavation activities to remove affected soil, confirmation soil samples were collected per the NMAC guidelines. Analytical data demonstrate remediation efforts (soil removal) was successful. Concentrations of chlorides, TPH, and BTEX were either not detected above the laboratory reporting limit (non-detect) or if detected were below all applicable closure criteria. As a result, no further response or remediation action is necessary.

## 6.0 RESTORATION, RECLAMATION & RE-VEGETATION

### 6.1 Restoration and Reclamation Activities

Following excavation activities, the excavated area was restored to its original condition. The excavated area from approximately 2.5 to the total depth of the excavation was backfilled using native topsoil (similar to existing silty-sandy very fine-grained soil) from the landowner's property near the remediated site area. The upper 2.5 feet of the excavated area was backfilled with caliche material to re-establish the active operational pad area. Following placement and compaction of the new native topsoil and caliche pad material, the area was graded and contoured to match the original topography of the site area.

Routine inspection of the Ovation Pad-O area has not revealed any erosion of the restored pad area. Since this is an active operational pad area, vegetation of this remediated area will not be conducted at this time.

## 7.0 CONCLUSIONS

On January 7, 2023, Novo personnel identified a release from a heater treater fire-tube situated within the active pad area. Approximately 15 barrels of crude oil liquids released onto the adjacent pad area. The release was contained to the immediate area near the heater treaters,

Release Response Action Completion & Closure Report  
Novo Oil & Gas – Ovation Pad-O Heater Treater Release  
Discovery Date: January 07, 2023

---

VRU and other permanent equipment. Upon discovery of the release, Novo was able to shut in flow to the unit.

Approximately 15 barrels of crude oil liquids were released; and approximately 15 barrels of crude oil liquids were recovered using vacuum trucks and removal of affected soil. During January 7 through February 16, 2023 Novo conducted remediation efforts to remove affected soil and restore each area to pre-release conditions.

Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

- Soil on-site has been remediated to chloride levels less than 600 mg/kg, TPH less than 100 mg/kg, BTEX less than 50 mg/kg and benzene less than 10 mg/kg.
- Reclamation and restoration efforts have been completed.
- No further response action/remediation is necessary for this release Site.
- Novo would respectfully like to request regulatory closure for Incident ID: nAPP2300944751.

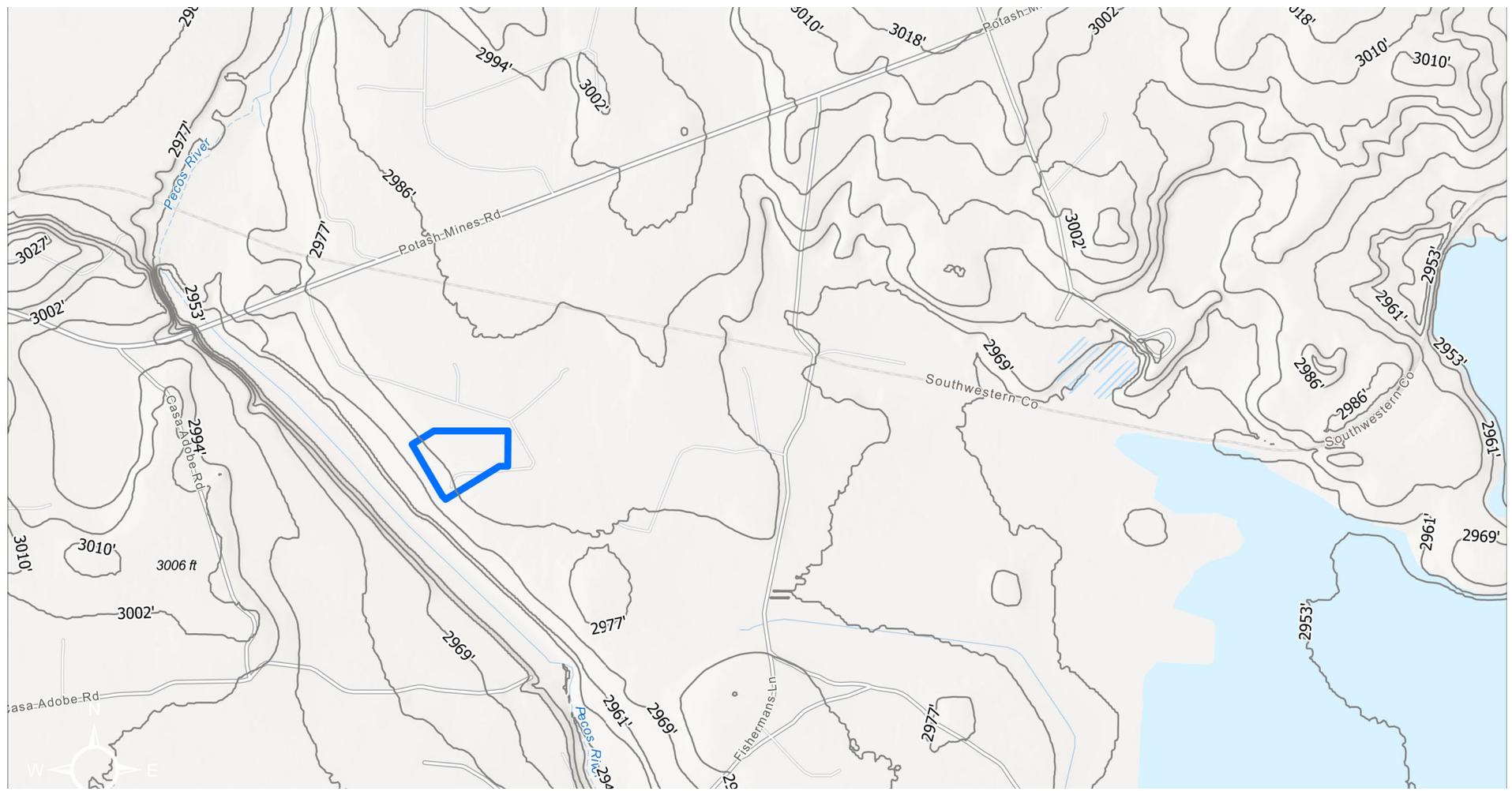


---

**FIGURES**

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) Lyr:(Opt)ON=":OFF="REF"  
P:\Novo Oil & Gas\INOVNM2301 - Ovation Pad O Release 01-07-2023\Figures-Maps\FIGURE 1.dwg LAYOUT: FIGURE 1  
SAVED: 2/22/2023 4:40 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: --- PLOTTED: 2/22/2023 4:44 PM BY: AARON LOZANO

XREFS: IMAGES: PROJECTNAME: ---  
LA Border



NOVO OIL & GAS  
 OVATION PAD-O  
 HEATER TREATER RELEASE  
 INCIDENT ID: nAPP2300944751  
 LOVING, EDDY COUNTY, NEW MEXICO

**TOPOGRAPHIC MAP**  
 (RELEASE 01/07/2023)



FIGURE

1

XREFS: IMAGES: PROJECTNAME: ---  
LA Border



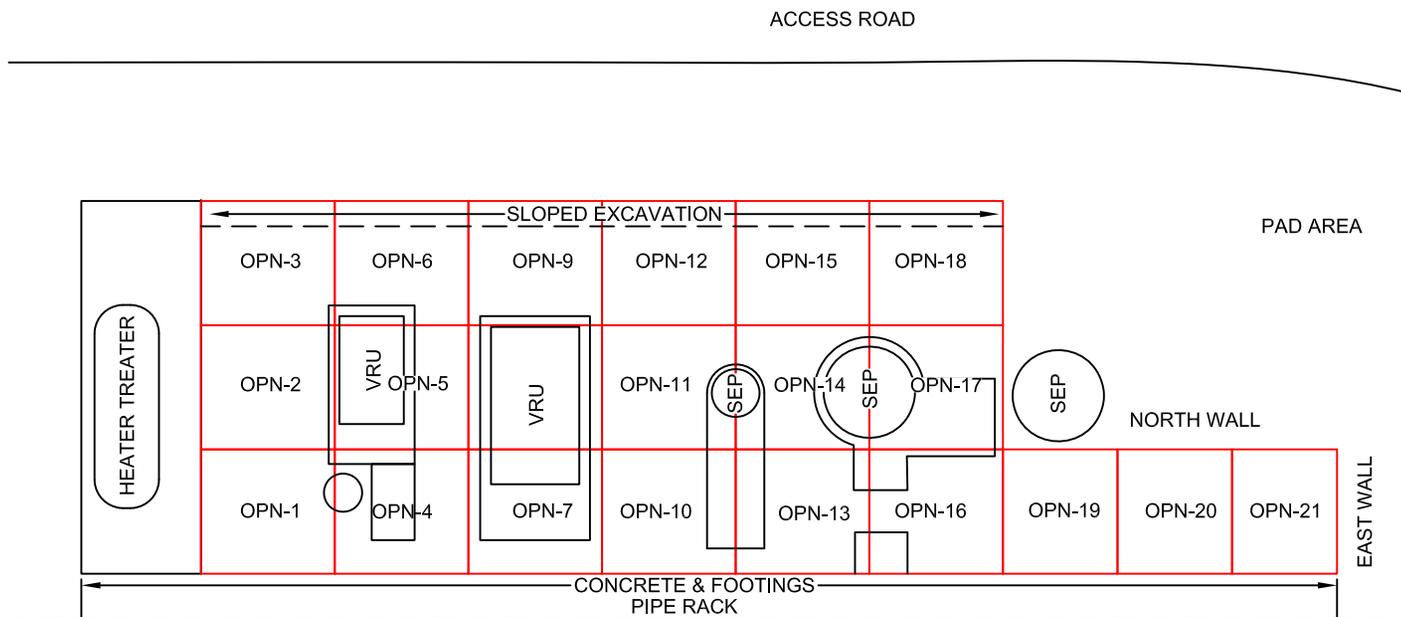
NOVO OIL & GAS  
 OVATION PAD-O  
 HEATER TREATER RELEASE  
 INCIDENT ID: nAPP2300944751  
 LOVING, EDDY COUNTY, NEW MEXICO

**SITE LOCATION MAP**  
 (RELEASE 01/07/2023)



FIGURE  
**2**

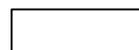
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LA Border Project\_Page\_1.tiff



PAD AREA

PAD AREA

ELECTRICAL PANEL



TANK BATTERY



SCALE:  
1" = 20'



**LEGEND**

OPN-1 - CONFIRMATION SOIL SAMPLE LOCATION & GRID

- SAMPLE GRID <200ft<sup>2</sup>

**NOTES:**

- 02/05/2023 - EXCAVATION DEPTH - 3' BGS SAMPLED ALL GRIDS
- 02/10/2023 - EXCAVATION DEPTH - 4' BGS SAMPLED SELECT GRIDS
- 02/14/2023 - EXCAVATION & SAMPLING OF OPEN SIDEWALLS
- 02/17/2023 - ADDITIONAL EXCAVATION & SAMPLING OF OPEN SIDEWALLS

NOVO OIL & GAS  
 OVATION PAD-O  
 HEATER TREATER RELEASE  
 INCIDENT ID: nAPP2300944751  
 LOVING, EDDY COUNTY, NEW MEXICO

**SITE PLAN & SAMPLE LOCATION MAP**  
 (RELEASE 01/07/2023)



FIGURE

**3**



---

**TABLE 1**  
Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

**Table 1**  
**Analytical Data Summary -**  
**Post Excavation Soil Samples (mg/kg)**  
**Novo Oil Gas - Ovation Pad-O CTB Heater Treater Release**  
**Incident ID: nAPP2300944751**  
**Near Loving, Eddy County, New Mexico**

Analyte Method		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
<b>Table I - Closure Criteria (0-4')</b>		<b>600</b>	<b>50</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>
Sample ID	Sample Date							
OPN-1 (3-3.5')	2/5/2023	336	<0.300	<0.05	<10	<10	<10	<10
OPN-2 (3-3.5')	2/5/2023	160	<0.300	<0.05	<10	261	27.9	288.9
OPN-2 (4-4.5')	2/10/2023	---	---	---	<10	32.5	<10	32.5
OPN-3 (3-3.5')	2/5/2023	192	<0.300	<0.05	<10	46.6	<10	46.6
OPN-4 (3-3.5')	2/5/2023	144	<0.300	<0.05	<10	<10	19.3	19.3
OPN-5 (3-3.5')	2/5/2023	80	<0.300	<0.05	<10	<10	<10	<10
OPN-6 (3-3.5')	2/5/2023	64	<0.300	<0.05	<10	<10	<10	<10
OPN-7 (3-3.5')	2/5/2023	224	<0.300	<0.05	<10	<10	<10	<10
OPN-8 (3-3.5')	2/5/2023	112	<0.300	<0.05	<10	<10	<10	<10
OPN-9 (3-3.5')	2/5/2023	48	<0.300	<0.05	<10	<10	<10	<10
OPN-10 (3-3.5')	2/5/2023	128	<0.300	<0.05	<10	<10	<10	<10
OPN-11 (3-3.5')	2/5/2023	160	<0.300	<0.05	<10	59.3	<10	59.3
OPN-12 (3-3.5')	2/5/2023	192	<0.300	<0.05	<10	17.4	<10	17.4
OPN-13 (3-3.5')	2/5/2023	96	<0.300	<0.05	<10	<10	<10	<10
OPN-14 (3-3.5')	2/5/2023	80	<0.300	<0.05	<10	79.4	<10	79.4
OPN-15 (3-3.5')	2/5/2023	64	<0.300	<0.05	<10	<10	<10	<10
OPN-16 (3-3.5')	2/5/2023	144	<0.300	<0.05	<10	<10	<10	<10

**Table 1**  
**Analytical Data Summary -**  
**Post Excavation Soil Samples (mg/kg)**  
**Novo Oil Gas - Ovation Pad-O CTB Heater Treater Release**  
**Incident ID: nAPP2300944751**  
**Near Loving, Eddy County, New Mexico**

Analyte Method		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
<b>Table I - Closure Criteria (0-4')</b>		<b>600</b>	<b>50</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>
<b>Sample ID</b>	<b>Sample Date</b>							
OPN-17 (3-3.5')	2/5/2023	<b>80</b>	<0.300	<0.05	<10	<b>96.7</b>	<b>10.6</b>	<b>107.3</b>
OPN-17 (4-4.5')	2/10/2023	---	---	---	<10	<10	<10	<10
OPN-18 (3-3.5')	2/5/2023	<b>144</b>	<0.300	<0.05	<10	<10	<10	<10
OPN-19 (3-3.5')	2/5/2023	<b>592</b>	<0.300	<0.05	<10	<b>15.1</b>	<10	<b>15.1</b>
OPN-20 (3-3.5')	2/5/2023	<b>320</b>	<0.300	<0.05	<10	<b>12.3</b>	<10	<b>12.3</b>
OPN-21 (3-3.5')	2/5/2023	<b>208</b>	<0.300	<0.05	<10	<10	<10	<10
East Wall-1 (0-3')	2/14/2023	<b>1140</b>	<0.300	<0.05	<10	<10	<10	<10
East Wall-2 (0-3')	2/17/2023	<b>288</b>	---	---	---	---	---	---
North Wall-1 (0-3')	2/14/2023	<b>1090</b>	<0.300	<0.05	<10	<10	<10	<10
North Wall-2 (0-3')	2/17/2023	<b>224</b>	---	---	---	---	---	---

**Notes:**

- All results are in mg/kg
- Closure Criteria Soils - Table I of 19.15.29.12 NMAC
- TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO
- BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
- <RL - results were not detected above the Laboratory Reporting Limit
- Not analyzed
- Bold indicates a detection above the Laboratory Sample Reporting Limit
- Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels
- \* - Closure Criteria based on depth to groundwater less than 51 feet below ground surface



---

**APPENDIX A**  
Notification and Agency Correspondence

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Bryan Haney](#)  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 174064  
**Date:** Monday, January 9, 2023 1:26:25 PM

---

To whom it may concern (c/o Bryan Haney for NOVO OIL & GAS NORTHERN DELAWARE, LLC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2300944751, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2300944751, on all subsequent C-141 submissions and communications regarding the remediation of this release.

**NOTE:** As of December 2019, NMOCD has discontinued the use of the “RP” number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

[ocd.enviro@state.nm.us](mailto:ocd.enviro@state.nm.us)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**From:** [Bryan Haney](#)  
**To:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Cc:** [Kurt Shipley](#); [Dara Tatum](#)  
**Subject:** nAPP2300944751 - Novo Ovation Pad-O Release (01/07/2023) Notification - MINOR RELEASE Incident  
**Date:** Monday, January 9, 2023 4:58:00 PM  
**Attachments:** [01-09-2023 - \(OCD\) has accepted the application, Application ID \\_174064.pdf](#)  
[image001.png](#)  
[nAPP2300944751 - C-141 Initial Notification 01-07-2023.pdf](#)

---

Mike and Rob,

Novo is providing email written notification of a minor release of oil that occurred on January 7, 2023 at the Ovation Pad-O CTB. The estimated volume was 15 bbl. Eight barrels of oil has been removed by vacuum truck and they are completing hydrovac operations to remove affected pad material. The release was all on pad with no off-site impacts. We anticipate collection of confirmation soil samples later this week or early next pending onsite operations. I have included the C-141 submittal and the online application acceptance by the OCD for your files.

If you have any question please let us know.

Thank you,

Bryan

**Bryan Haney, TX P.G**

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

[altamira-us.com](http://altamira-us.com)



**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Bryan Haney](#)  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 174190  
**Date:** Tuesday, January 10, 2023 9:27:21 AM

---

To whom it may concern (c/o Bryan Haney for NOVO OIL & GAS NORTHERN DELAWARE, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2300944751, with the following conditions:

- **None**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Jocelyn Harimon  
Environmental Specialist  
575-748-1283  
[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**From:** [Bryan Haney](#)  
**To:** [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#)  
**Cc:** [Kurt Shipley](#); [Dara Tatum](#); [Orlando Gonzalez](#)  
**Subject:** nAPP2300944751 - 48-Hour Notification of Confirmation Soil Sampling - Novo Ovation Pad-O Release (01/07/2023)  
**Date:** Friday, January 13, 2023 3:12:00 PM  
**Attachments:** [image001.png](#)

---

Rob,

The email services as notification of upcoming confirmation soil sampling at the above mentioned site. We anticipate collection of confirmation soil samples starting on Wednesday January 18<sup>th</sup> and may last through the 19<sup>th</sup>. This will be the first round of sampling post excavation. Additional sampling may be necessary pending results and need for additional soil excavation.

Thank you and please let me know if you have any questions.

Bryan

**Bryan Haney, TX P.G**

**Senior Project Manager** | 361.658.3126 |

[Bryan.Haney@altamira-us.com](mailto:Bryan.Haney@altamira-us.com)

[altamira-us.com](http://altamira-us.com)



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

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

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

Incident ID	nAPP2300944751
District RP	
Facility ID	
Application ID	174064

## Release Notification

### Responsible Party

Responsible Party: Novo Oil & Gas Northern Delaware, LLC	OGRID: 372920
Contact Name: Kurt A. Shipley	Contact Telephone: 405-286-3916
Contact email: kshipley@novooog.com	Incident # (assigned by OCD): nAPP2300944751
Contact mailing address: 1001 West Wilshire Blvd., Suite 206 Oklahoma City, OK 73116	

### Location of Release Source

Latitude 32.30913° N

Longitude -104.05088° W  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Ovation Pad - O	Site Type: Well Pad - CTB
Date Release Discovered: 01/07/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	14	T23S	R28E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: Lionel Onsurez)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls): Estimated 15	Volume Recovered (bbls): 15 (liquids & soil)
<input type="checkbox"/> Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

**Cause of Release**

At 7:30 am (MT) on 01/07/2023, a minor release of oil occurred on the Novo Ovation Pad-O CTB. The entire volume of the release was contained within the active pad area. Field operation indicate the cause of the release was the result of a failed heater treater fire-tube. Novo was able to quickly identify the failure and shut-in flow.

Volume of the release was estimated flow from the fire-tube during the release and by approximate dimensions of the surface release area (an irregular shaped area approximately 27' x 30' - but not all surface was affected). Eight barrels of oil was immediately removed by vacuum truck.

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2300944751
District RP	
Facility ID	
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?  Estimated volume of crude oil and produced water is less than 25 bbl
---------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  
 01/07/2023 - Kurt Shipley (Novo Oil and Gas) contacted landowner to notify of incident  
 01/09/2023 – Bryan Haney with Altamira provided email notification to Mike Bratcher and Robert Hamlet at NMOCD  
 01/09/2023 – Bryan Haney with Altamira conducted notification to the NMOCD online system

### 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 not been undertaken, explain why:

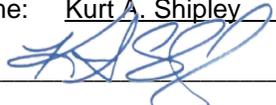
All initial response actions above have been completed.

Remediation efforts (excavated affected soil) will be confirmed with sampling.

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: Kurt A. Shipley Title: Chief Operating Officer

Signature:  Date: January 9, 2023

email: kshipley@novoog.com Telephone: 405-286-3916

**OCD Only**

Received by: Jocelyn Harimon Date: 01/10/2023

**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 174190

**CONDITIONS**

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 174190
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	1/10/2023



---

**APPENDIX B**  
Regulatory Database Report

Prepared for:

ALTAMIRA-US, LLC - Corpus Christi  
14229 Punta Bonaire Dr  
Corpus Christi, TX 78418



# Regulatory Database Report

ASTM E1527-21/AAI Compliant

Novo Ovation Pad-O

Loving, NM

Eddy County

PO #: NVONM2204 phase 001

ES-141671

Friday, February 24, 2023



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## Geographic Summary

### Location

Eddy County, NM

### Coordinates

<b>Longitude &amp; Latitude in Degrees Minutes Seconds</b>	-104° 3' 5", 32° 18' 32"
<b>Longitude &amp; Latitude in Decimal Degrees</b>	-104.051473°, 32.308859°
<b>X and Y in UTM</b>	589294.48, 3575065.67 (Zone 13)

### Elevation

Target Property lies 2981.5 feet above sea level.

### Zip Codes Searched

Search Distance	Zip Codes (historical zip codes included)
Target Property	88256, 88263
0.25 miles	88256, 88263
0.5 miles	88220, 88221, 88255, 88263, 88268, 88256, 88263
1 mile	88220, 88221, 88255, 88263, 88268, 88256, 88263

### Topos Searched

Search Distance	Topo Name
Target Property	Loving (1985)
0.25 miles	Loving (1985)
0.5 miles	Loving (1985)
1 mile	Loving (1985)

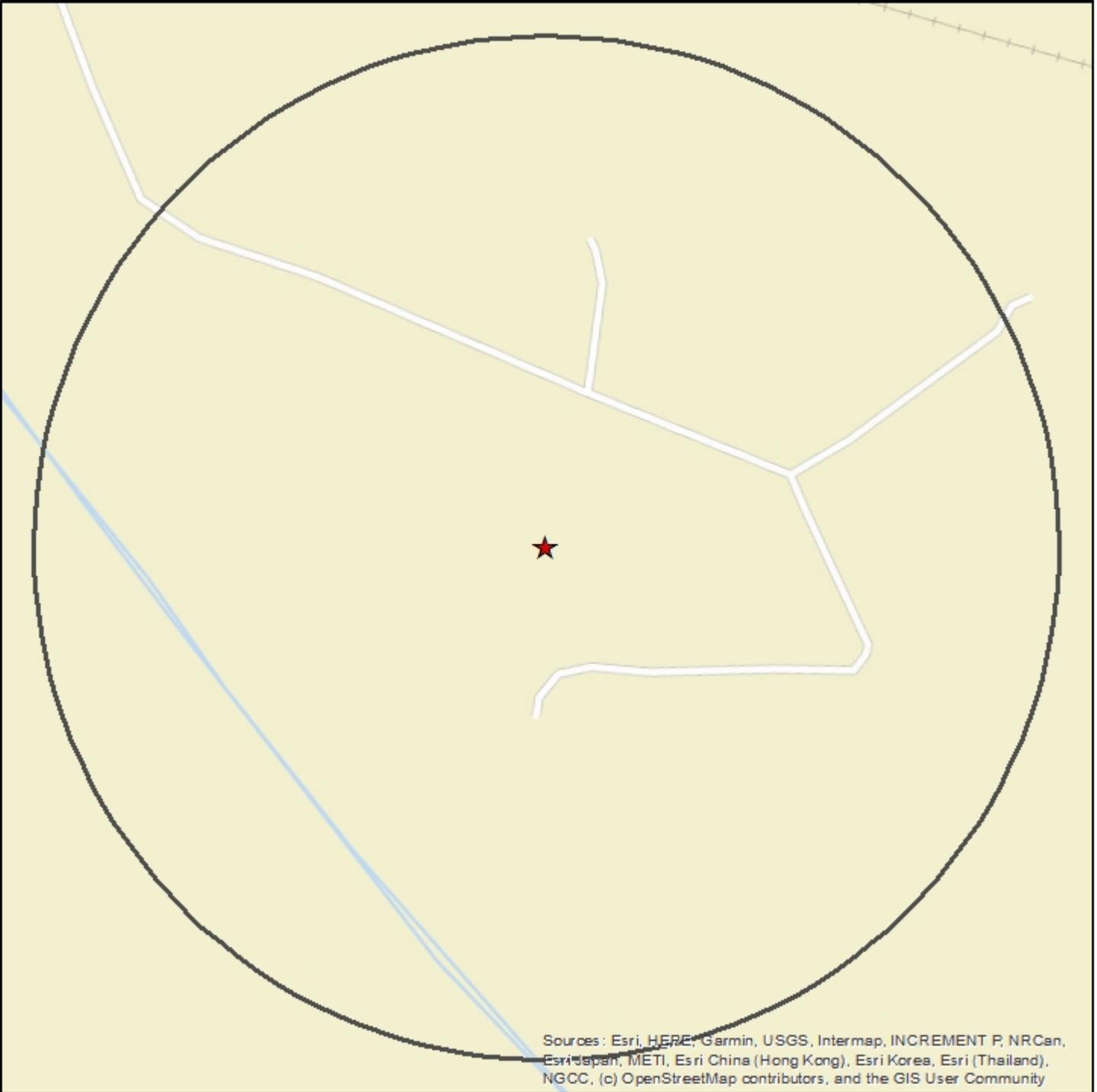


## Database Summary

Databases Searched	Distance Searched	# Mapped	# Not Mapped	Total
<b>Federal - ASTM 1527-21/AAI Required</b>				
National Priority List (NPL)	1	0	0	0
Delisted National Priority List (DNPL)	0.5	0	0	0
SEMS (CER SEMS)	0.5	0	0	0
SEMS NFRAP (CER SEMS NFRAP)	0.5	0	0	0
RCRA CORRACTS (RCRA COR)	1	0	0	0
RCRA non-CORRACTS TSD (RCRA TSD)	0.5	0	0	0
RCRA Generators (RCRA GEN)	0.25	0	0	0
Federal Brownfields (FED BWN)	0.5	0	0	0
Federal Institutional Control (FED IC)	0.5	0	0	0
Federal Engineering Control (FED EC)	0.5	0	0	0
ERNS List (ERNS)	0.25	0	0	0
<b>State - ASTM 1527-21/AAI Required</b>				
State/Tribal Equivalent NPL (ST NPL)	1	0	0	0
State/Tribal Equivalent CERCLIS (ST CER)	0.5	0	0	0
State/Tribal Disposal or Landfill (SWLF)	0.5	0	0	0
State/Tribal Leaking Storage Tank (LPST)	0.5	0	0	0
State/Tribal Storage Tank (PST)	0.25	0	0	0
State/Tribal Institutional Control (ST IC)	0.25	0	0	0
State/Tribal Engineering Control (ST EC)	0.5	0	0	0
State/Tribal Voluntary Cleanup (VCP)	0.5	0	0	0
State/Tribal Brownfield (ST BWN)	0.5	0	0	0
State/Tribal Hazardous Waste (HW)	0.25	0	0	0
<b>Non-ASTM/AAI Required Databases</b>				
RCRA (RCRA)	0.25	0	0	0
Dry Cleaners (DRYC)	0.25	0	0	0
<b>Total Sites Found</b>		<b>0</b>	<b>0</b>	<b>0</b>



Summary Map - 0.25 Mile Radius



**Novo Ovation Pad-O**

- |             |                                                                                                        |             |                               |                 |
|-------------|--------------------------------------------------------------------------------------------------------|-------------|-------------------------------|-----------------|
| Single Site | Cluster Site                                                                                           | Large Tract | Cluster Site with Large Tract | Target Property |
|             | <i>RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF</i>                                                |             |                               |                 |
| Single Site | Cluster Site                                                                                           | Large Tract | Cluster Site with Large Tract | Search Buffer   |
|             | <i>RCRA GEN, ST &amp; FED BWN, ST &amp; FED EC, ST &amp; FED IC, DNPL, CER NFRAP, PST, VCP, ST CER</i> |             |                               |                 |
| Single Site | Cluster Site                                                                                           | Large Tract | Cluster Site with Large Tract |                 |
|             | <i>ERNS, HW, RCRA, DRYC</i>                                                                            |             |                               |                 |

0' 250' 500'

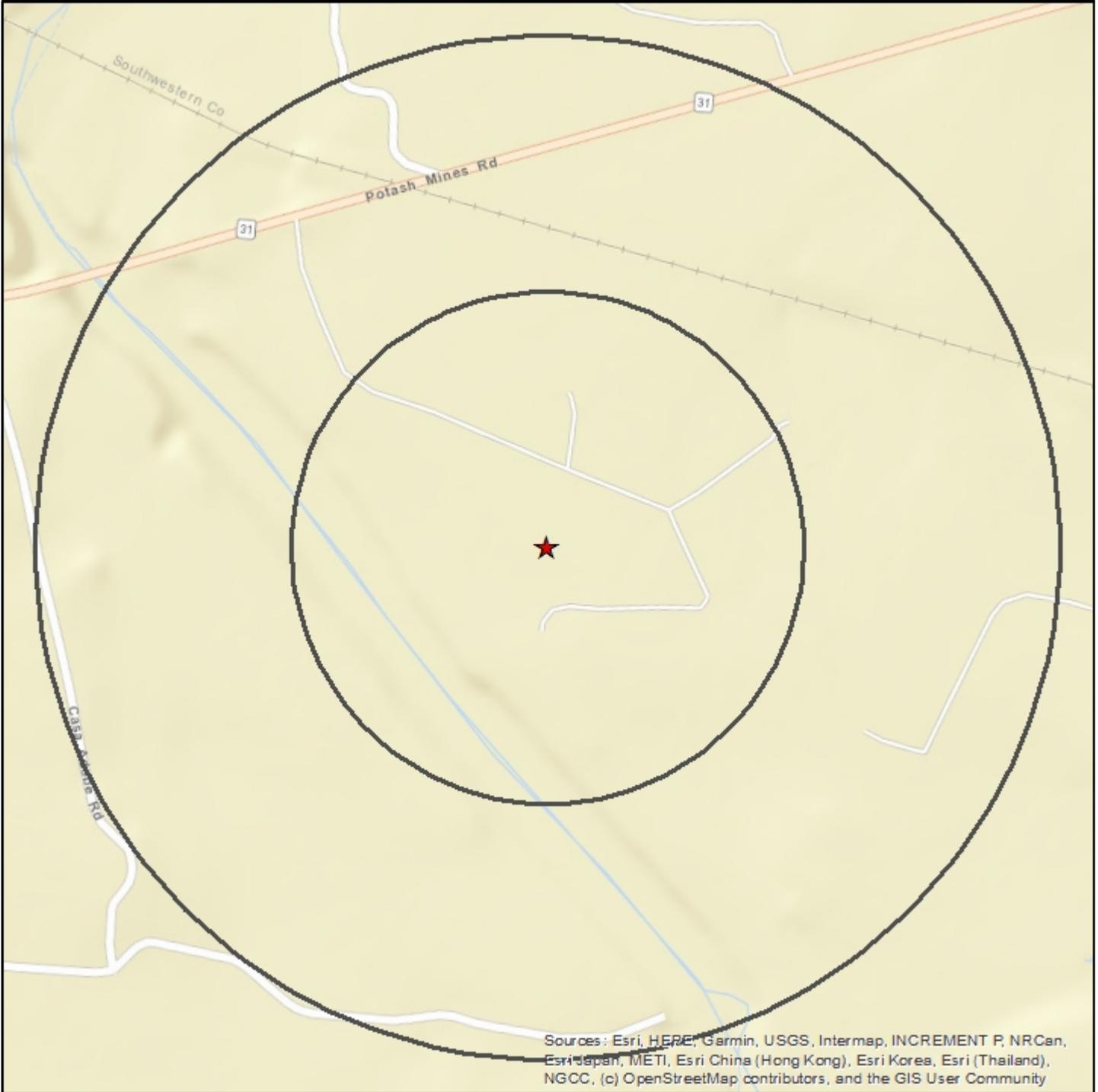
**1 : 4,500**

1 inch = 0.071 miles  
 1 inch = 375 feet  
 1 centimeter = 0.045 kilometers  
 1 centimeter = 45 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



### Summary Map - 0.5 Mile Radius



### Novo Ovation Pad-O

- |                                                  |                                                   |                                                  |                                                                    |                                                                                                                |
|--------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="color: red;">■</span> Large Tract   | <span style="color: red;">■</span> Cluster Site with Large Tract   | <span style="color: red;">★</span> Target Property                                                             |
| <span style="color: cyan;">●</span> Single Site  | <span style="color: cyan;">●</span> Cluster Site  | <span style="color: cyan;">■</span> Large Tract  | <span style="color: cyan;">■</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="color: green;">■</span> Large Tract | <span style="color: green;">■</span> Cluster Site with Large Tract |                                                                                                                |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

0' 500' 1000'

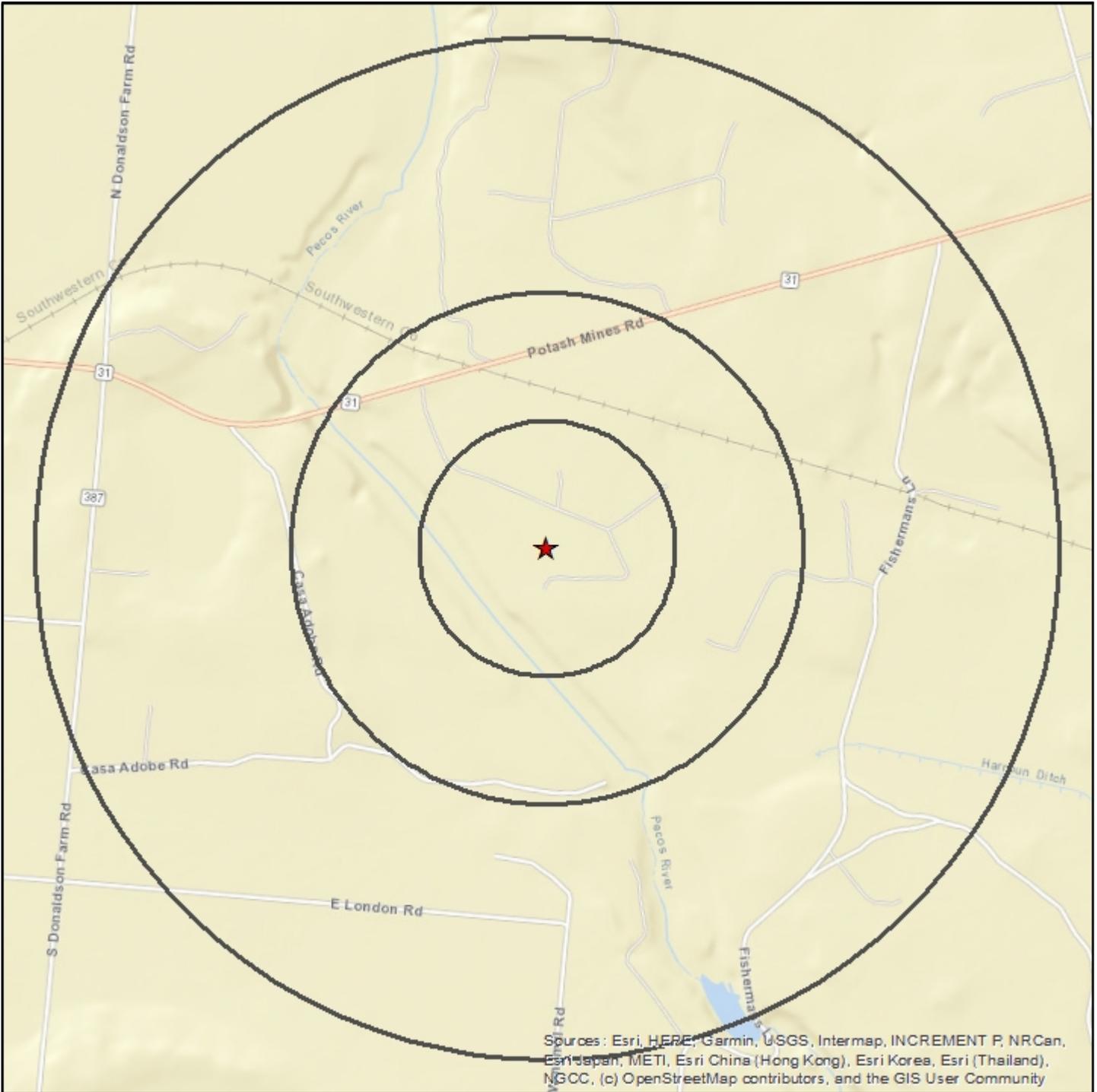
**1 : 9,000**

1 inch = 0.142 miles  
 1 inch = 750 feet  
 1 centimeter = 0.090 kilometers  
 1 centimeter = 90 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



### Summary Map - 1 Mile Radius



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

### Novo Ovation Pad-O

- |                                                  |                                                   |                                                  |                                                                    |                                                                                                                |
|--------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="color: red;">■</span> Large Tract   | <span style="color: red;">■</span> Cluster Site with Large Tract   | <span style="color: red;">★</span> Target Property                                                             |
| <span style="color: cyan;">●</span> Single Site  | <span style="color: cyan;">●</span> Cluster Site  | <span style="color: cyan;">■</span> Large Tract  | <span style="color: cyan;">■</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="color: green;">■</span> Large Tract | <span style="color: green;">■</span> Cluster Site with Large Tract |                                                                                                                |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

0' 1000' 2000'

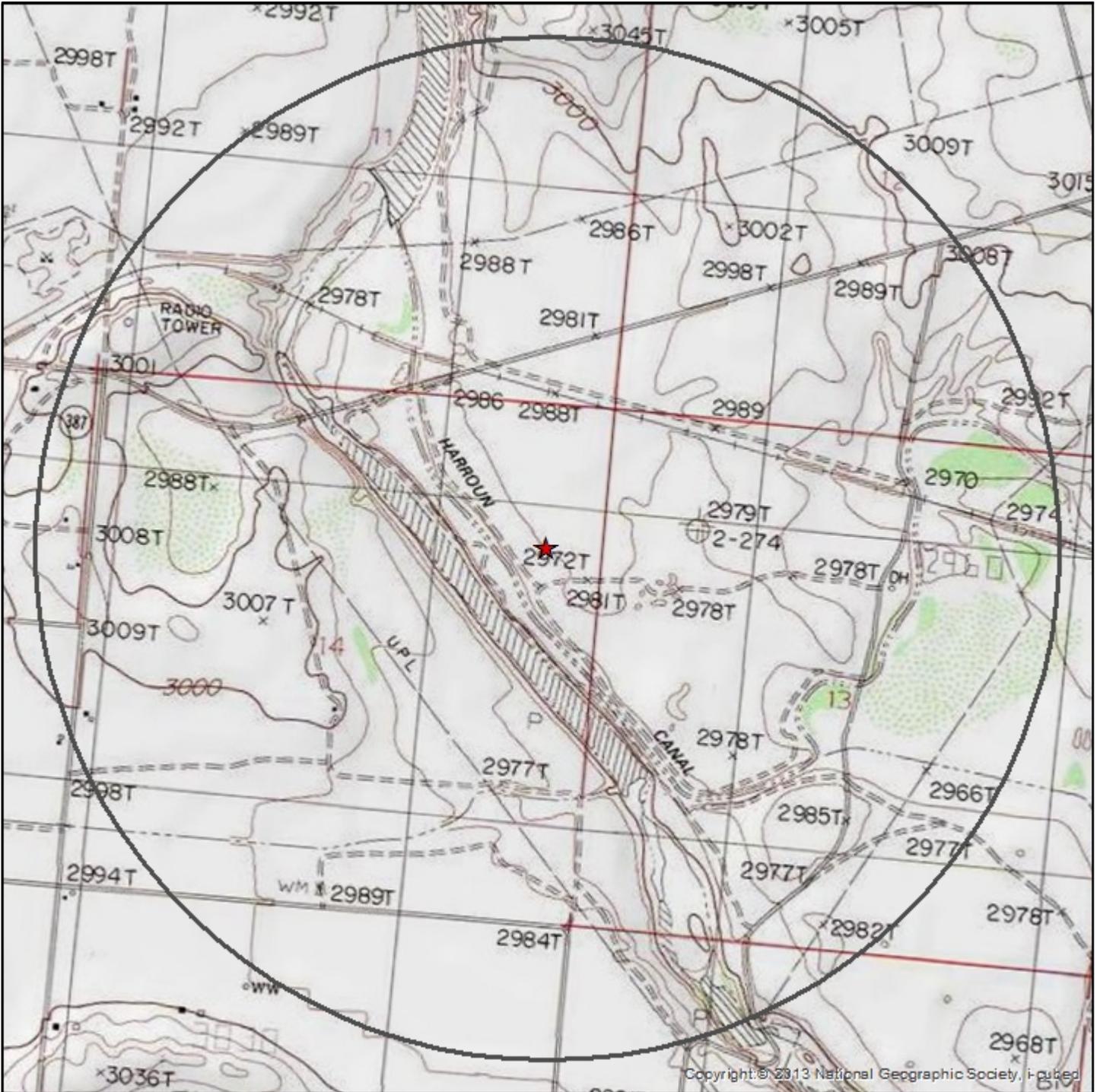
**1 : 18,000**

1 inch = 0.284 miles  
 1 inch = 1500 feet  
 1 centimeter = 0.180 kilometers  
 1 centimeter = 180 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



# Topographic Overlay Map - 1 Mile Radius



## Novo Ovation Pad-O

-  Target Property
-  Search Buffer

Target Property Quad Name(s)  
Loving (1985)

0' 1000' 2000'

1 : 18,000

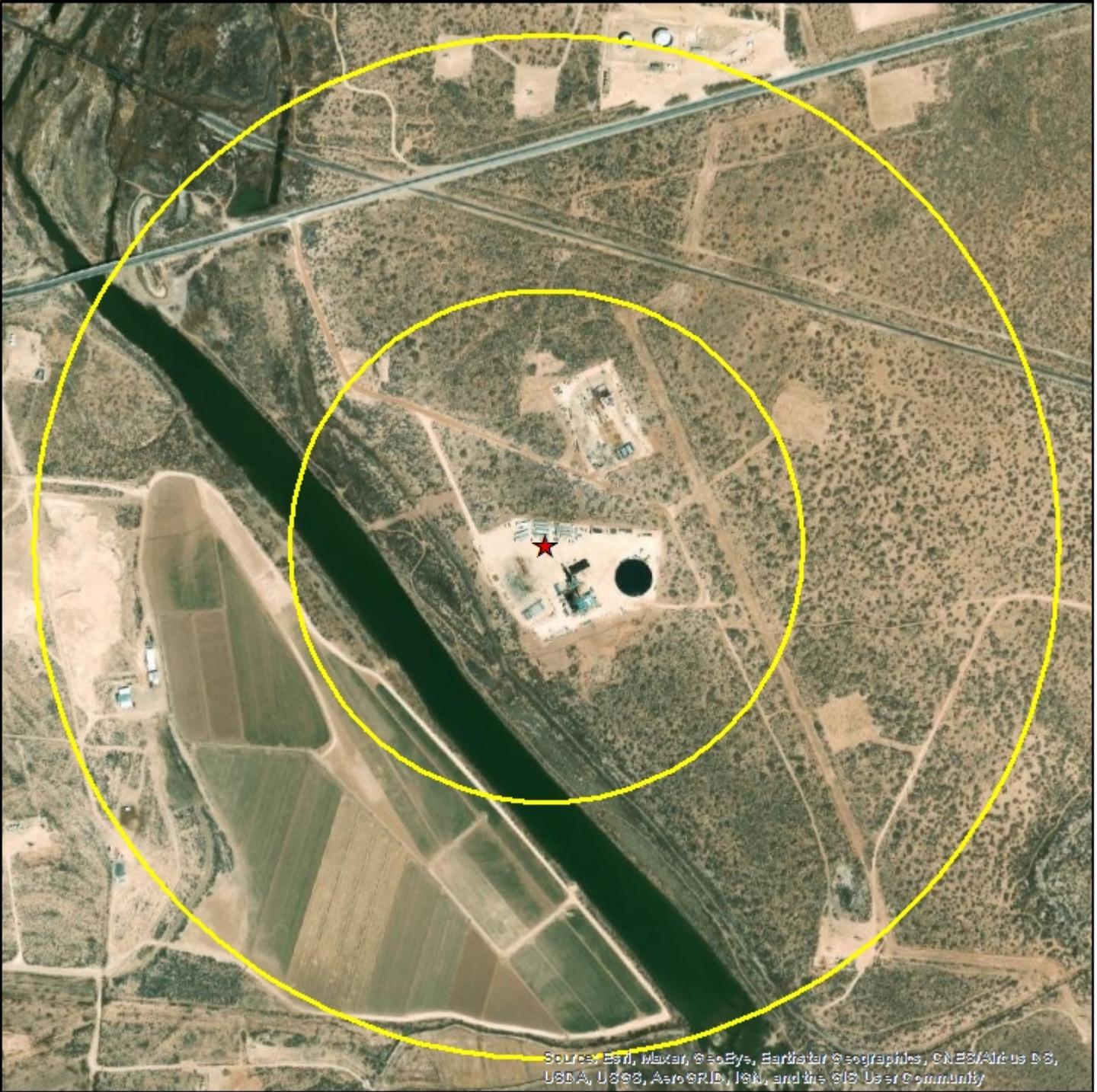
1 inch = 0.284 miles  
1 inch = 1500 feet

Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' North  
Second Standard Parallel: 45° 00' North  
Central Meridian: 96° 00' West  
Latitude of Origin: 39° 00' North





### Current Imagery Overlay Map - 0.5 Mile Radius



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

### Novo Ovation Pad-O

- Single Site
  - Cluster Site
  - Large Tract
  - Cluster Site with Large Tract
  - Single Site
  - Cluster Site
  - Large Tract
  - Cluster Site with Large Tract
  - Single Site
  - Cluster Site
  - Large Tract
  - Cluster Site with Large Tract
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF
- RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER
- ERNS, HW, RCRA, DRYC
- ★ Target Property
  - Search Buffer

0' 500' 1000'

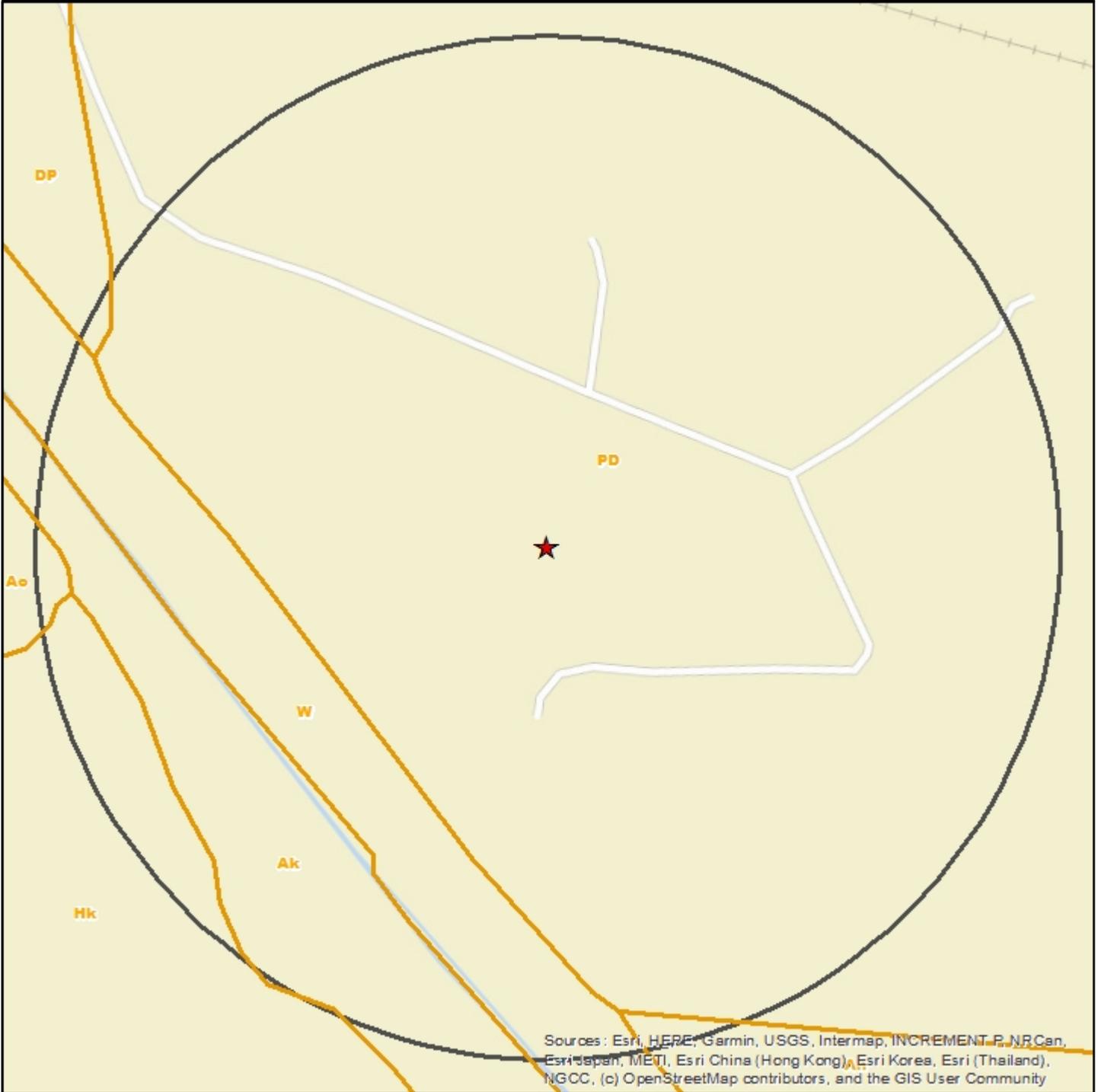
**1 : 9,000**

1 inch = 0.142 miles  
1 inch = 750 feet  
1 centimeter = 0.090 kilometers  
1 centimeter = 90 meters

Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' North  
Second Standard Parallel: 45° 00' North  
Central Meridian: 96° 00' West  
Latitude of Origin: 39° 00' North



# Soil Survey Map - 0.25 Mile Radius



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

## Novo Ovation Pad-O

- |                                                  |                                                   |                                                  |                                                                    |                                                                                                                   |
|--------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="color: red;">■</span> Large Tract   | <span style="color: red;">■</span> Cluster Site with Large Tract   | <span style="color: red;">★</span> Target Property                                                                |
| <span style="color: cyan;">●</span> Single Site  | <span style="color: cyan;">●</span> Cluster Site  | <span style="color: cyan;">■</span> Large Tract  | <span style="color: cyan;">■</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Search Buffer    |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="color: green;">■</span> Large Tract | <span style="color: green;">■</span> Cluster Site with Large Tract | <span style="border: 2px dashed orange; display: inline-block; width: 15px; height: 10px;"></span> Soils Boundary |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

0' 250' 500'

**1 : 4,500**

1 inch = 0.071 miles  
 1 inch = 375 feet  
 1 centimeter = 0.045 kilometers  
 1 centimeter = 45 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



# Soils

## Soils Types Found

Target Property	PD
Within 0.25 miles of Target Property	Hk, PD, DP, Ao, Ak, W, Ah

## Soil Type Descriptions

### Ah - Anthony sandy loam, 0 to 1 percent slopes

Percent Hydric	5
Minimum Depth to Bedrock	

#### Anthony (95 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy loam	0 cm	15 cm	A-4	SM
H2	Sandy loam	15 cm	152 cm	A-4	SM

#### Harkey (3 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Very fine sandy loam	0 cm	23 cm	A-4	CL-ML, ML
H2	Loam	23 cm	152 cm	A-4	CL, CL-ML, ML

#### Arno (2 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silty clay loam	0 cm	23 cm	A-7-6	CL
H2	Clay	23 cm	152 cm	A-7-6	CH, CL

### Ak - Arno-Harkey complex, saline, 0 to 1 percent slopes

Percent Hydric	2
Minimum Depth to Bedrock	

#### Arno (50 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silty clay loam	0 cm	23 cm	A-7-6	CL
H2	Silty clay	23 cm	152 cm	A-7-6	CH, CL

#### Harkey (25 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	



**Soils**

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Very fine sandy loam	0 cm	23 cm	A-4	CL-ML, ML
H2	Very fine sandy loam	23 cm	152 cm	A-4	CL, CL-ML, ML

Unnamed soils (23 percent)

Anthony (1 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy loam	0 cm	15 cm	A-4	SM
H2	Sandy loam	15 cm	152 cm	A-4	SM

Pima variant (1 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silt loam	0 cm	8 cm	A-4	CL-ML
H2	Clay loam	8 cm	152 cm	A-6	CL

Ao - Atoka loam, 0 to 1 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

Atoka (97 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	51 to 102 cm to Petrocalcic

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loam	0 cm	20 cm	A-4	CL-ML
H2	Loam	20 cm	84 cm	A-4, A-6	CL, CL-ML
H3	Indurated	84 cm	94 cm		

Atoka (1 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Petrocalcic

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loam	0 cm	20 cm	A-4	CL-ML
H2		20 cm	84 cm	A-4, A-6	CL, CL-ML
H3	Indurated	84 cm	94 cm		

Reagan (1 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loam	0 cm	20 cm	A-6	CL
H2		20 cm	152 cm	A-6, A-7-6	CL



**Soils**

**Upton (1 percent)**

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	18 to 51 cm to Petrocalcic

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Gravelly loam	0 cm	23 cm	A-4, A-6	CL, GC, SC
H2		23 cm	33 cm	A-4, A-6	CL, GC, SC
H3	Cemented	33 cm	53 cm		
H4		53 cm	152 cm	A-2, A-4, A-6	GC, GP-GC, SC, SP-SC

**DP - Dev-Pima complex, 0 to 3 percent slopes**

Percent Hydric	0
Minimum Depth to Bedrock	

**Dev (55 percent)**

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Very gravelly loam	0 cm	38 cm	A-2, A-4, A-6, A-7	GC, SC
H2	Very gravelly loam	38 cm	152 cm	A-2-4, A-2-6, A-6, A-7	GC, GP-GC, SC, SP-SC

**Pima (30 percent)**

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silt loam	0 cm	8 cm	A-4	CL-ML
H2	Silty clay loam	8 cm	152 cm	A-6	CL

**Unnamed soils (15 percent)**

**Hk - Harkey very fine sandy loam, 0 to 1 percent slopes**

Percent Hydric	3
Minimum Depth to Bedrock	

**Harkey (95 percent)**

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Very fine sandy loam	0 cm	23 cm	A-4, A-6	CL, CL-ML
H2	Very fine sandy loam	23 cm	221 cm	A-4	CL-ML

**Unnamed soils (2 percent)**

**Anthony (1 percent)**

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	



**Soils**

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy loam	0 cm	15 cm	A-4	SM
H2	Sandy loam	15 cm	152 cm	A-4	SM

**Arno (1 percent)**

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silty clay loam	0 cm	23 cm	A-7-6	CL
H2	Clay	23 cm	152 cm	A-7-6	CH, CL

**Pima variant (1 percent)**

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Silt loam	0 cm	8 cm	A-4	CL-ML
H2	Clay loam	8 cm	152 cm	A-6	CL

**PD - Pajarito-Dune land complex, 0 to 3 percent slopes**

Percent Hydric	0
Minimum Depth to Bedrock	

**Pajarito (46 percent)**

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	23 cm	A-2, A-4	SM
H2	Fine sandy loam	23 cm	91 cm	A-2, A-4	SM
H3	Fine sandy loam	91 cm	183 cm	A-2, A-4	ML, SM

**Dune land (45 percent)**

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy loam	0 cm	15 cm	A-4	SM
H2	Sandy loam	15 cm	152 cm	A-4	SM

**Rock outcrop (5 percent)**

Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	0 to 0 cm to Lithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Bedrock	0 cm	152 cm		

**Largo (4 percent)**

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	



# Soils

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loam	0 cm	10 cm	A-4	CL-ML
H2		10 cm	119 cm	A-4	CL-ML
H3		119 cm	152 cm	A-6	CL

## W - Water

Percent Hydric 0

Minimum Depth to Bedrock

Water (100 percent)



## Soils Descriptions

### AASHTO Classification Definitions

A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), some fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

### Unified Classification Definitions

CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

#### Source

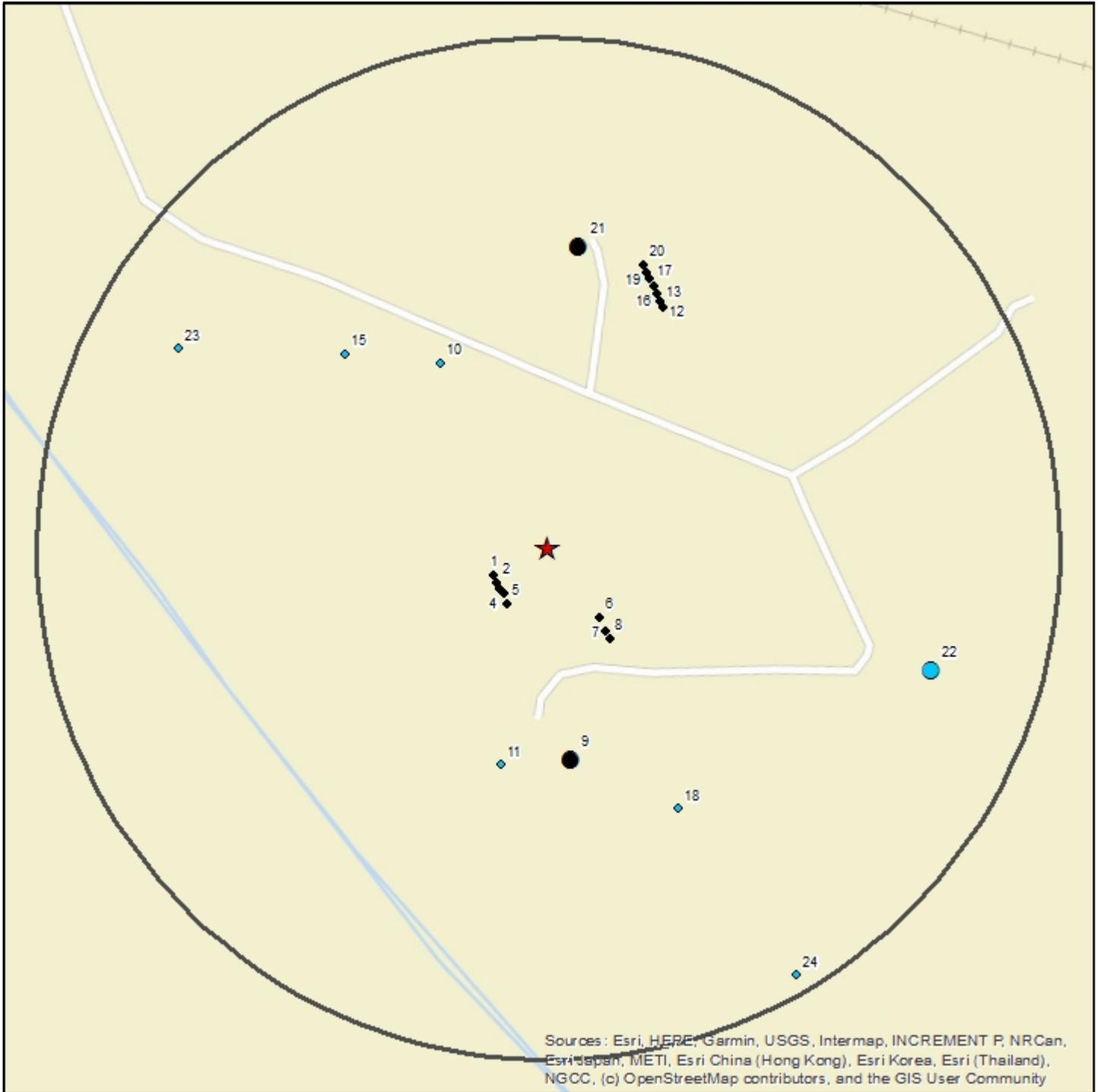
Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

#### Disclaimer

This Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) and the Soil Survey Geographic Database (SSURGO). All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.



### Water & Oil/Gas Wells Map - 0.25 Mile Radius



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

### Novo Ovation Pad-O

- Single Water Well
- Water Well Cluster
- Single Oil/Gas/Other Well
- Oil/Gas/Other Well Cluster
- Water/Oil/Gas/Other Well Cluster

- ★ Target Property
- Search Buffer

0 250' 500'

**1 : 4,500**

1 inch = 0.071 miles  
1 inch = 375 feet  
1 centimeter = 0.045 kilometers  
1 centimeter = 45 meters

Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' North  
Second Standard Parallel: 45° 00' North  
Central Meridian: 96° 00' West  
Latitude of Origin: 39° 00' North



# Water & Oil/Gas Wells

Map ID	Well ID	Owner	Well Type	Elevation
1	30-015-49074	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2979 ft (-3)
2	30-015-49075	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2978 ft (-4)
3	30-015-49073	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2979 ft (-3)
4	30-015-49072	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2978 ft (-4)
5	30-015-49076	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2978 ft (-4)
6	30-015-49417	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2981 ft (-1)
7	30-015-49330	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2980 ft (-1)
8	30-015-49331	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2981 ft (-1)
9	3001526350	CHEVRON U S A INC	Plugged (site released) - Oil	2977 ft (-5)
9	30-015-26350	[4323] CHEVRON U S A INC	Plugged, Not Released	2977 ft (-5)
10	C-01256	U.S. BORAX & CHEM. CORP.	Water: EXPLORATION	2982 ft (+)
11	USGS321830104030301	USGS	Water: Not Reported	2972 ft (-9)
12	30-015-49122	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
13	30-015-49103	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
14	30-015-49098	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
15	USGS321836104031001	USGS	Water: Not Reported	2979 ft (-2)
16	30-015-49102	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
17	30-015-49100	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
18	USGS321825104025901	USGS	Water: Not Reported	2980 ft (-2)
19	30-015-49104	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
20	30-015-49121	[372920] NOVO OIL & GAS NORTHERN DELAWARE, LLC	New	2984 ft (+3)
21	3001526347	CHEVRON U S A INC	Plugged (site released) - Oil	2984 ft (+2)
21	30-015-26347	[4323] CHEVRON U S A INC	Plugged, Site Released	2984 ft (+2)
22	C-01293	U.S. BORAX & CHEM. CORP.	Water: EXPLORATION	2981 ft (-1)
22	C-01212	U.S. BORAX & CHEM. CORP.	Water: EXPLORATION	2981 ft (-1)
22	C-00791	MISSISSIPPI CHEMICAL COMPANY	Water: MINING OR MILLING OR OIL	2981 ft (-1)
23	C-01257	U.S. BORAX & CHEM. CORP.	Water: EXPLORATION	2970 ft (-12)
24	USGS321821104025501	USGS	Water: Not Reported	2973 ft (-8)

**Source**

U.S. Geological Survey, New Mexico Office of the State Engineer, New Mexico Oil Conservation Division

**Disclaimer**

This well scan from Banks Environmental Data, Inc. has included a digital search of state and federal wells currently digitized in our geospatial database. Since this scan includes only well data that is currently mapped in our geospatial database, more wells could exist within the search area. For a complete well search or to locate more details, please contact Banks to obtain a full Water Well Report or Oil & Gas Well/Pipeline Search Report. More detailed individual well records can also be obtained from Banks for an additional cost, please reference a Well ID # from this well scan.

All well locations are based on information obtained from state and federal sources. Although Banks performs quality assurance and quality control on all data, inaccuracies of the records and mapped locations could possibly be traced to the specific regulatory authority or individual well driller. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the data or well location(s) of the maps and records maintained by the state and federal agencies.

## Mapped Sites Summary



**Banks Environmental Data performed a thorough search and no mapped sites were found.**

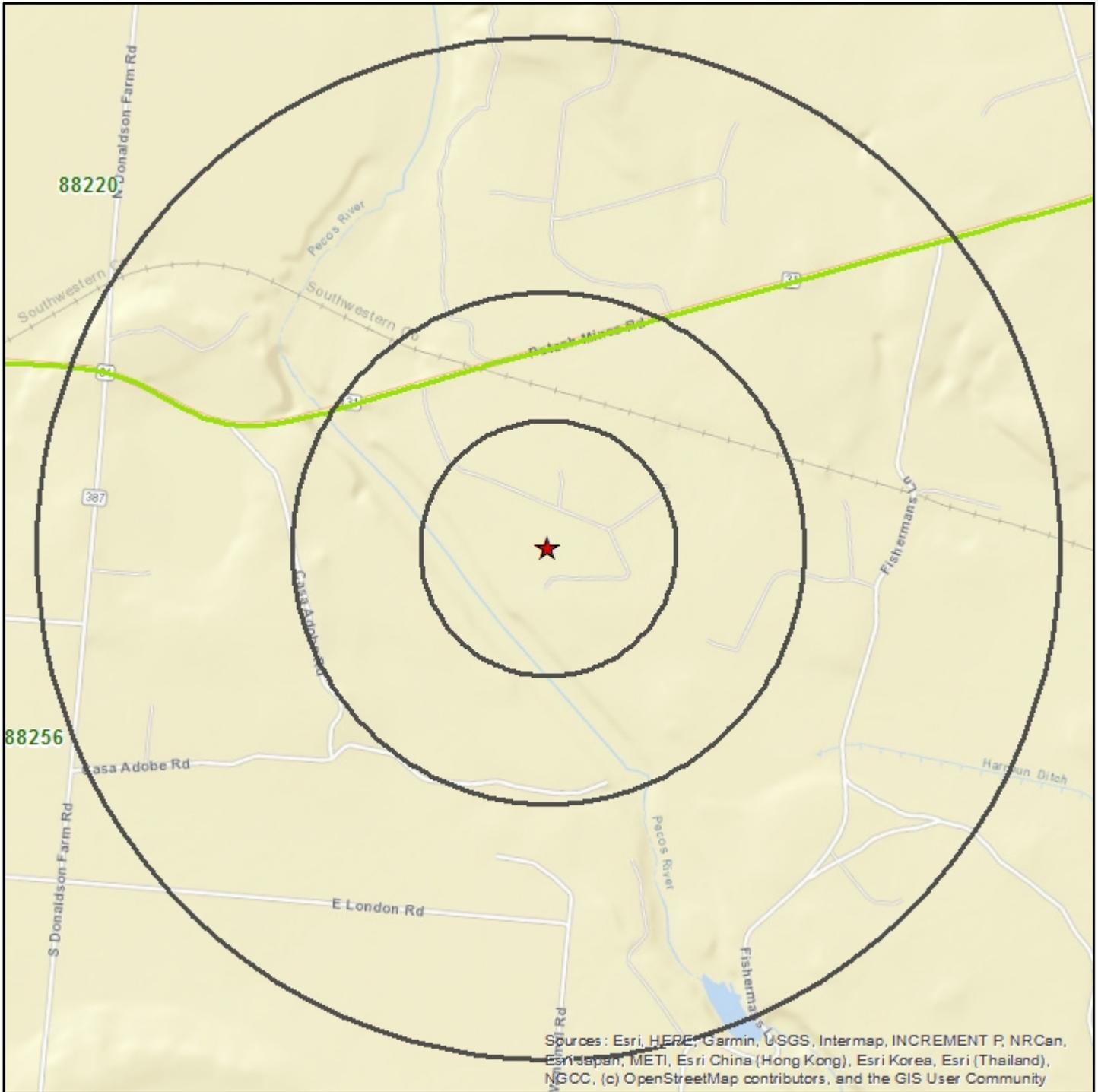
**Unmapped Sites Summary**



**Banks Environmental Data performed a thorough search and no unmapped sites were found.**



# Zip Code Map - 1 Mile Radius



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

## Novo Ovation Pad-O

-  Target Property
-  Search Buffer
-  Zip Code Boundary

0' 1000' 2000'

**1 : 18,000**

1 inch = 0.284 miles  
1 inch = 1500 feet  
1 centimeter = 0.180 kilometers  
1 centimeter = 180 meters

Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' North  
Second Standard Parallel: 45° 00' North  
Central Meridian: 96° 00' West  
Latitude of Origin: 39° 00' North





## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
<b>NPL -- National Priority List</b>	EPA	NPL is the list of high priority hazardous waste sites in the United States eligible for long-term remedial action financed under the federal Superfund program or SEMS database (formerly known as the CERCLIS database). The EPA will only add sites to the NPL list based upon completion of the Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed.	Quarterly	01/16/2023	01/16/2023	01/17/2023	12/22/2023
<b>DNPL -- Delisted National Priority List</b>	EPA	DNPL is a list of all sites that have been deleted from the EPA NPL list (SEMS database). These sites are taken off the NPL list usually due to no further response or remedial action being required on them. Notices to delete NPL sites are published in the Federal Register and become effective unless the EPA receives significant adverse or critical comments during the 30-day public comment period.	Quarterly	01/16/2023	01/16/2023	01/17/2023	12/22/2022
<b>CER SEMS -- SEMS</b>	EPA	The EPA maintains the SEMS database to track sites under the Comprehensive Environmental Response, Compensation, and Liability Act, a federal law designed to clean up abandoned hazardous waste sites. These sites are either proposed, listed or under review currently to be a part of the National Priority List.	Quarterly	01/16/2023	01/16/2023	01/17/2023	12/22/2022
<b>CER SEMS NFRAP -- SEMS NFRAP</b>	EPA	From the Superfund Enterprise Management System (SEMS) database No Further Remedial Action Planned or NFRAP have been removed from the listing. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	Quarterly	01/16/2023	01/16/2023	01/17/2023	12/22/2023
<b>RCRA COR -- RCRA CORRACTS</b>	EPA	These sites are registered hazardous waste generators or handlers that fall under the Resource Conservation and Recovery Act (RCRA) and subject to corrective action activity.	Quarterly	01/18/2023	01/18/2023	01/24/2023	01/16/2023
<b>RCRA TSD -- RCRA non-CORRACTS TSD</b>	EPA	This database lists all treatment, storage and disposal of hazardous material sites that fall under the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence.	Quarterly	01/18/2023	01/18/2023	01/24/2023	01/16/2023
<b>RCRA GEN -- RCRA Generators</b>	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Small Quantity Generator (SQG) generates between 100kg and 1,000 kg of waste per month. A Large Quantity Generator (LQG) generates over 1,000 kg of waste per month. A Conditionally Exempt SQG (CEG) generates less than 100 kg of waste per month.	Quarterly	01/18/2023	01/18/2023	01/24/2023	01/16/2023
<b>FED BWN -- Federal Brownfields</b>	EPA	A listing of sites that assist the EPA in collecting, tracking, and updating information of sites in relation to the Small Business Liability Relief and Brownfields Revitalization Act. These sites are real property that is either abandoned or underutilized where redevelopment or expansion is complicated by real or perceived environmental contamination.	Quarterly	12/19/2022	12/19/2022	12/26/2022	12/19/2022
<b>FED IC -- Federal Institutional Control</b>	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use. ICs are meant to supplement Engineering Controls and will rarely be the sole remedy at a site. ICs are a type of Activity and Use Limitation (AUL).	Quarterly	12/19/2022	12/19/2022	12/26/2022	12/19/2022
<b>FED EC -- Federal Engineering Control</b>	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination. ECs are a type of Activity and Use Limitation (AUL).	Quarterly	12/19/2022	12/19/2022	12/26/2022	12/19/2022



## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
<b>ERNS -- ERNS List</b>	EPA/National Response Center	ERNS is a national database used to store information on unauthorized releases of oil and hazardous substances that have been reported to the National Response Center since 2001. The NRC is the sole federal point of contact for reporting oil and chemical spills. Prior to 2001 this information was maintained by the EPA.	Annually	01/09/2023	01/09/2023	01/09/2023	01/09/2023
<b>ST NPL -- State/Tribal Equivalent NPL (NM)</b>	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
<b>ST CER -- State/Tribal Equivalent CERCLIS (NM)</b>	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
<b>SWLF -- State/Tribal Disposal or Landfill (NM)</b>	NMED	This database contains a listing of all Solid Waste Landfills and other facilities that regulate the handling, processing, recycling, marketing of recycled materials, and disposal of non-hazardous solid waste. These sites are registered with the Solid Waste Bureau of the NMED.	Annually	01/25/2023	02/04/2022	02/04/2022	02/04/2022
<b>LPST -- State/Tribal Leaking Storage Tank (NM)</b>	NMED	This database is a listing of all underground storage tanks that are leaking or have been registered with New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau.	Quarterly	10/25/2022	10/25/2022	01/16/2023	08/31/2022
<b>LPST -- State/Tribal Leaking Storage Tank (NM)</b>	EPA	The Tribal LUST database (maintained by EPA Region 6) provides information on leaking underground storage tank on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	12/29/2022	12/29/2022	12/29/2022	04/28/2022
<b>PST -- State/Tribal Storage Tank (NM)</b>	NMED	This database is a listing of all underground and aboveground storage tanks that are currently registered (or are now INACTIVE) with New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau.	Quarterly	01/25/2023	01/25/2023	01/25/2023	08/31/2022
<b>PST -- State/Tribal Storage Tank (NM)</b>	EPA	The Tribal UST database (maintained by EPA Region 6) provides underground storage tank information on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	12/29/2022	12/29/2022	12/29/2022	04/28/2022
<b>ST IC -- State/Tribal Institutional Control (NM)</b>	NMED	This database contains state Voluntary Cleanup Program sites that have an Institutional Control (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use.	Quarterly	01/25/2023	01/25/2023	01/26/2023	12/15/2022
<b>ST EC -- State/Tribal Engineering Control (NM)</b>	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
<b>VCP -- State/Tribal Voluntary Cleanup (NM)</b>	NMED	This database contains a listing of active and closed sites in the Voluntary Remediation Program for the state of New Mexico.	Quarterly	01/25/2023	01/25/2023	01/26/2023	12/15/2022
<b>ST BWN -- State/Tribal Brownfield (NM)</b>	NMED	This database is a listing of all brownfield sites have been registered with New Mexico Environment Department (NMED) Brownfield Program.	Quarterly	01/25/2023	01/25/2023	01/25/2023	12/15/2022
<b>ST BWN -- State/Tribal Brownfield (NM)</b>	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
<b>HW -- State/Tribal Hazardous Waste (NM)</b>	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A



## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
RCRA -- RCRA	EPA	This database lists all sites that fall under the Resource Conservation and Recovery Act (RCRA) and are not classifiable as treatment, storage, disposers of hazardous material, hazardous waste generator or subject to corrective action activity.	Quarterly	01/18/2023	01/18/2023	01/24/2023	01/16/2023
DRYC -- Dry Cleaners (NM)	N/A	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A

**Disclaimer**



The Banks Environmental Data Regulatory Database Report was prepared based upon data obtained from State, Tribal, and Federal sources known to Banks Environmental Data at the time the data was obtained. Great care has been taken by Banks in obtaining the best available data from the best available sources. However, there is a possibility that there are sources of data applicable or pertaining to this report's target property, and/or surrounding properties, to which Banks does not have access or has not accessed. Furthermore, although Banks Environmental Data performs quality assurance and quality control on all data, including data it obtains, Banks recognizes that inaccuracies in data from these sources may, and do, exist; accordingly, inaccurate data may have been used or relied upon in the preparation of this report. Even though Banks Environmental Data performs a thorough and diligent search to locate and fix any inaccuracies in the data relied upon in the preparation of this report, Banks cannot guarantee or warrant the accuracy of the locations, information, data, or report. The purchaser of this report accepts this report "as is" and assumes all risk related to any potential inaccuracy contained in the report or not reported in it, whether due to a reliance by Banks Environmental Data on inaccurate data, or for any other reason [including but not limited to the negligence or express negligence of Banks Environmental Data]. If this report is being used for the Records Review section of a Phase I Site Assessment according to the ASTM 1527-21, for EPA's All Appropriate Inquiry, or for any other purpose (public or private), all liability and responsibility is assumed by the Environmental Professional or other individual or entity acquiring the report.

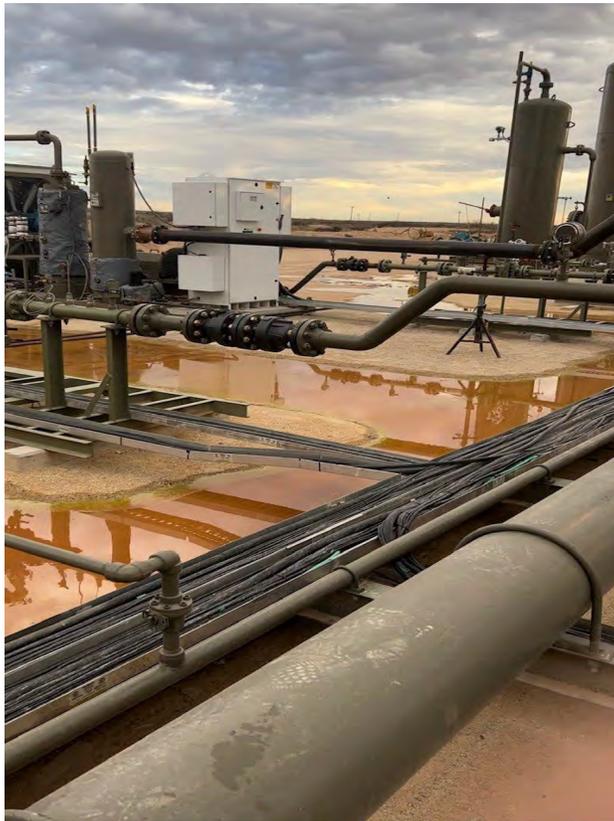


**APPENDIX C**  
Photographic Documentation

**Appendix C**  
**Photograph Log – Ovation Pad-O Heater Treater Fire Tube Release**  
**Incident ID: nAPP2300944751**



View southeast at overall release area



View northeast at released fluids prior to removal

**Appendix C**  
**Photograph Log – Ovation Pad-O Heater Treater Fire Tube Release**  
**Incident ID: nAPP2300944751**



View south at soil excavation area



View west at soil excavation area

**Appendix C**  
**Photograph Log – Ovation Pad-O Heater Treater Fire Tube Release**  
**Incident ID: nAPP2300944751**



View along north sloped portion of excavation



View southwest at excavated area around equipment



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**APPENDIX D**  
Field Documentation

# NOVO Ovation O-Pad Release (New)

2/4/2023

Objectives: Map out excavated area; measure to scale. Place markers for grid lines for sampling -

Weather: Hot/Sunny. NO CLOUDS. Winds: SSE 30 MPH 59°F Humidity 30%

Arrived on Pad Site @ 10:23

Staff on Site: Atamira (Orlando, Higini'o)

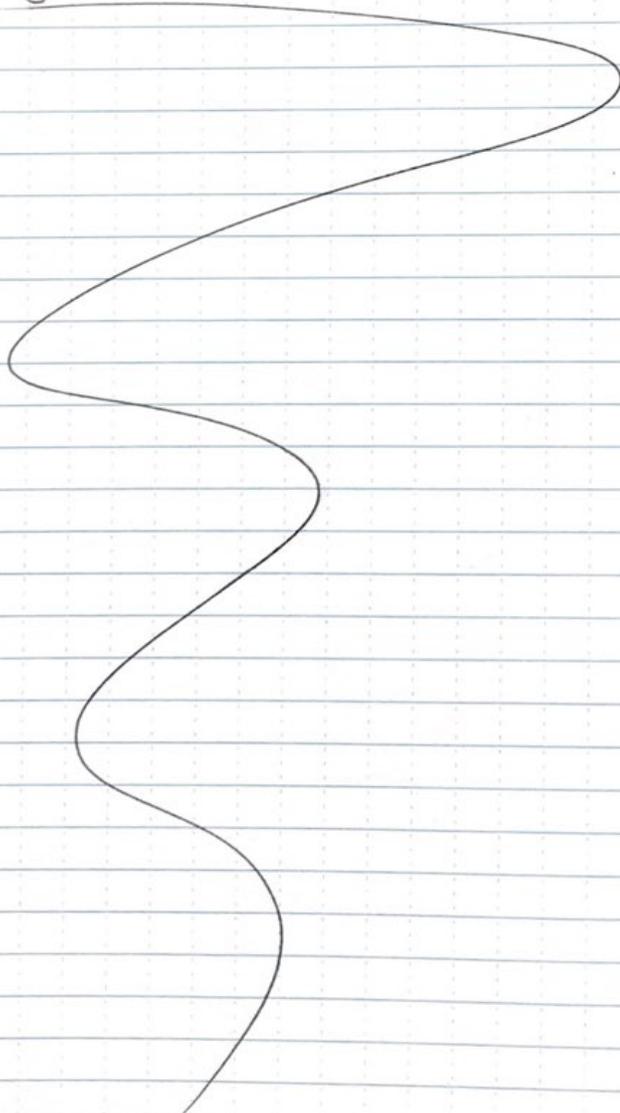
Commenced map site figure illustration at 10:30, then took scale measurements of perimeter of excavated spill area. Took scale measurements of L/W in ft of stationary equipment -

Created grid in larger excavated area consisting of 13'x14' squares, and smaller grid squares consisting of 12'x13' in less accessible area/shorter east area.

Soil samples will be collected tomorrow (2/5/2023) in the morning.

Operator on site tending to separators. Higini'o and Orlando left the pad at 16:42 -

H.G.C.



Scale: 1 square = \_\_\_\_\_



Client: Waco Ovation

Page: 6 of 1

Date: 2/10/2023

Project: Heater treater

By: \_\_\_\_\_

Observasi collect confirmation sigles from corls  
OPN-2 (4-4.5) & OPN-17 (4-4.5)

Personel: O. Gonzalez

1415 drive to Heater treater spill area. fogue had  
excavated to 4 BGS in corls OPN-2 & OPN-17  
1421 deconed stainless steel hand trowl with Alcorat riddled  
water final distilled water rinse.

1428 Bogm sigle collection

1438 sigles from both grids collected & in jars to  
Deliver to Lab.

Now duration of ad Heater  
Treater Release 2/14/2023

1000 drove to  
Objectives: collect side wall samples from side  
walls east side excavation from east wall &  
North wall

Weather: very windy 30s-50s Sunny

Personnel: Val and Gonzalez

10:00 drove to release area decontaminated hand  
trout with Alconox & distilled water with distilled  
water rinse

10:20 collection of samples starts

10:40 completed sampling. samples jarred & Ed cooled for  
delivery to lab.

Ward Quatern of ad 2/17/2023

Hooper Treater Release

Objectives: collect sidewall samples  
Weather: 30s-40s Sunny 9-15 mph SE wind

Personnel: D. Gonzalez

1130 drive to Hooper Treater Release Area. Fog  
has already extended east & north sidewalls 2'  
kept samp depth of 3'

1138 decontam hand trowl with Alconox & distilled  
water final distilled water rinse - will decon as described  
between samples.

1155 Begin sample collection

1203 sample collection complete. Samples in cooler for  
delivery to lab.

Scale: 1 square = \_\_\_\_\_

Rite in the Rain



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**APPENDIX E**  
Waste Management Documentation



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: Rita Trujillo  
Phone No: 505-215-5952

**GENERATOR**

NO. 599377

Operator No. \_\_\_\_\_  
Operators Name: New oil + gas  
Address: 1001 W. W. Bishop  
Broken Arrow, OK  
City, State, Zip: Broken Arrow, OK 74012  
Phone No: 405-262-9891

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No.: Antion led con 1318-132 H  
County: Steph  
API No.: 30-015-49121  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.  
Non-Exempt Other: \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE: Rita Trujillo DATE: 3-23-23 SIGNATURE: \_\_\_\_\_

**TRANSPORTER**

Transporter's Name: Ka Truck Services  
Address: 4111 S. 1st St  
Phone No: 505-262-2237

Driver's Name: Osvaldo Angarita  
Phone No: 505-261-5199  
Truck No: 04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: 3-23-23 DRIVER'S SIGNATURE: \_\_\_\_\_ DELIVERY DATE: 3-23-23 DRIVER'S SIGNATURE: \_\_\_\_\_

TRUCK TIME STAMP IN: _____ OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>30131</u>
------------------------------------------	--------------------------	-----------------------------------------

Site Name/Permit No.: Halfway Facility / NM1-006 Phone No.: 575-887-6504  
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) YES  NO   
PASS THE PAINT FILTER TEST? (Circle One) YES  NO  NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Guage				
2nd Guage			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one) ACCEPTED  DENIED  If denied, why? \_\_\_\_\_

NAME (PRINT): \_\_\_\_\_ DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

NO. 7005739

Operator No. \_\_\_\_\_  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Washout Water (Injectable)	_____
Waste Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____	Completion Fluid/Flow Back (Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____	Produced Water (Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	Gathering Line Water/Waste (Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
----------	-------------	------------	-----------	----------

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

DELIVERY DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. \_\_\_\_\_

Site Name/ Permit No. **Halfway Facility / NM1-006**  
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**

Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT) \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Con



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name

Phone No.

GENERATOR

NO. 7005614

Operator No.
Operators Name
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for waste types: Oil Based Muds, Oil Based Cuttings, Waste Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INTERNAL USE ONLY, INJECTABLE WATERS, OTHER EXEMPT WASTES.

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \*please select from Non-Exempt Waste List on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)
EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT:

Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr)

TANK BOTTOMS

Table with columns for Gauge (1st, 2nd) and Received, and sub-columns for Feet and Inches.

Table with columns for BS&W/BBLS Received, Free Water, Total Received, and BS&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

C-138

donc@northstarforms.com (877)499-0492

White - R360 ORIGINAL

Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY

Gold - RETURN TO GENERATOR

308.R360-5240



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

NO. 7005700

Operator No. \_\_\_\_\_  
Operators Name Novo 048  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well \_\_\_\_\_  
Name & No. Orion Pad "A"  
County Eddy  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	<b>NON-INJECTABLE WATERS</b>	<b>INJECTABLE WATERS</b>
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	Washout Water (Injectable)
Waste Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Water Based Cuttings	_____	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	_____	<b>INTERNAL USE ONLY</b>	<b>OTHER EXEMPT WASTES</b> (type and generation process of the waste)
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____
Gas Plant Waste	_____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity, and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 18 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
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  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name CRS Holdings LLC  
Address 13201 E. 1st Ave, Suite 200, Denver, CO 80231  
Phone No. 303-753-7200

Driver's Name Tommy Trammel  
Phone No. \_\_\_\_\_  
Truck No. 134

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

DELIVERY DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. \_\_\_\_\_

Site Name/Permit No. Halfway Facility / NM1-006  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Guage	_____	_____	_____	_____
2nd Guage	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT) \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: [Handwritten] Phone No.: [Handwritten]

GENERATOR

NO. 588911

Operator No. [Blank]
Operators Name: [Handwritten]
Address: [Handwritten]
City, State, Zip: [Handwritten]
Phone No.: [Handwritten]

Permit/RRC No. Lease/Well: [Handwritten]
Name & No.: [Handwritten]
County: [Handwritten]
API No.: [Handwritten]
Rig Name & No.: [Handwritten]
AFE/PO No.: [Handwritten]

Table with columns for EXEMPT E&P Waste/Service Identification and Amount, NON-INJECTABLE WASTES, and INJECTABLE WASTES. Includes rows for Oil Based Muds, Water Based Muds, etc.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT 5&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCDF), ignitability, corrosivity and reactivity.
\*please select from Non-Exempt Waste List on back

Non-Exempt Other: [Blank]
QUANTITY: [Handwritten] B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
[ ] RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
[ ] RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
[ ] MSDS Information [ ] RCRA Hazardous Waste Analysis [ ] Other (Provide Description Below)

[ ] EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)
[Handwritten Signature] DATE: [Handwritten] SIGNATURE: [Handwritten]

TRANSPORTER

Transporter's Name: [Handwritten] Driver's Name: [Handwritten]
Address: [Handwritten] Print Name: [Handwritten]
Phone No.: [Handwritten] Phone No.: [Handwritten]
Truck No.: [Handwritten] Truck No.: [Handwritten]

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE: [Handwritten] DRIVER'S SIGNATURE: [Handwritten] DELIVERY DATE: [Handwritten] DRIVER'S SIGNATURE: [Handwritten]

TRUCK TIME STAMP: IN: [Blank] OUT: [Blank]
DISPOSAL FACILITY: [Handwritten] RECEIVING AREA: [Handwritten]
Name/No.: [Handwritten]
Site Name/Permit No.: [Handwritten] Address: [Handwritten] Phone No.: [Handwritten]
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES [ ] NO [ ]
PASS THE PAINT FILTER TEST? (Circle One) YES [ ] NO [ ]
If YES, was reading > 50 micro roentgens? (circle one) YES [ ] NO [ ]

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED [ ] DENIED [ ] If denied, why? [Handwritten]
[Handwritten Signature] DATE: [Handwritten] TITLE: [Handwritten] SIGNATURE: [Handwritten]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: [Handwritten]

Phone No.: [Handwritten]

GENERATOR

NO. 588803

Operator No., Operators Name, Address, City, State, Zip, Phone No. [Handwritten]

Permit/RRC No., Lease/Well Name & No., County, API No., Rig Name & No., AFE/PO No. [Handwritten]

Table with columns for waste types: Oil Based Muds, Oil Based Cuttings, Water Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste. Sub-columns for Non-Injectable Waters and Injectable Waters.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

Non-Exempt Other: [Handwritten] \*please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S NAME, DATE, SIGNATURE [Handwritten]

TRANSPORTER

Transporter's Name, Address, Phone No. [Handwritten]

Driver's Name, Print Name, Phone No., Truck No. [Handwritten]

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE, DRIVER'S SIGNATURE, DELIVERY DATE, DRIVER'S SIGNATURE

Table with columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA Name/No.

Site Name/Permit No./Address, Phone No. [Handwritten]

NORM READINGS TAKEN? (Circle One) YES NO if YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns: 1st Gauge, 2nd Gauge, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?

NAME (PRINT), TITLE, SIGNATURE [Handwritten]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

NO. 588815

Operator No. \_\_\_\_\_
Operators Name \_\_\_\_\_
Address \_\_\_\_\_
City, State, Zip \_\_\_\_\_
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_
Lease/Well Name & No. \_\_\_\_\_
County \_\_\_\_\_
API No. \_\_\_\_\_
Rig Name & No. \_\_\_\_\_
AFF/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Waste Type, Non-Injectable Waters, and Injectable Waters. Rows include Oil Based Muds, Oil Based Cuttings, Water Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, and Gas Plant Waste.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCPL), ignitability, corrosivity and reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
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EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name \_\_\_\_\_ Address \_\_\_\_\_ Phone No. \_\_\_\_\_
Driver's Name \_\_\_\_\_ Print Name \_\_\_\_\_ Phone No. \_\_\_\_\_ Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_ Name/No. \_\_\_\_\_

Site Name/ Permit No. \_\_\_\_\_ Address \_\_\_\_\_ Phone No. \_\_\_\_\_

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns for Feet, Inches, BSR/W/BBLS Received, Free Water, Total Received, and BSR/W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED if denied, why? \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

NO. 7005534

Operator No. \_\_\_\_\_
Operators Name \_\_\_\_\_
Address \_\_\_\_\_
City, State, Zip \_\_\_\_\_
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_
Lease/Well Name & No. \_\_\_\_\_
County \_\_\_\_\_
API No. \_\_\_\_\_
Rig Name & No. \_\_\_\_\_
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, NON-INJECTABLE WATERS, and INJECTABLE WATERS. Includes rows for Washout Water, Completion Fluid, Produced Water, and Gathering Line Water/Waste.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s) is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

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EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name \_\_\_\_\_
Address \_\_\_\_\_
Phone No. \_\_\_\_\_

Driver's Name \_\_\_\_\_
Phone No. \_\_\_\_\_
Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. \_\_\_\_\_

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

Table with columns for 1st Gauge, 2nd Gauge, Received, Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%).

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Main Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name

Phone No.

GENERATOR

NO. 7005740

Operator No.
Operators Name
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, Waste Based Muds, Water Based Cuttings, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, and INJECTABLE WATERS.

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

Non-Exempt Other \*please select from Non-Exempt Waste List on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Other (Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT:

Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlshad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO
NORM (mR/hr)

TANK BOTTOMS

Table with columns for Feet, Inches, 1st Gauge, 2nd Gauge, Received, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one). ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Juarez, Phone No.: 505-266-5452

GENERATOR

NO. 588812

Operator No., Operators Name: Nova oil & gas, Address: 1001 W. Hill Street, Bldg 1310, City, State, Zip: Oklahoma City, OK 73106, Phone No.: 405-266-5391

Permit/RRC No. Lease/Well Name & No.: Oklahoma Fed Con 1318 232H, County: OK, API No.: 30-015-19103, Rig Name & No., AFE/PO No.

Table with 3 columns: Oil Based Muds, NON-INJECTABLE WATERS, and INJECTABLE WATERS. Rows include Washout Water, Completion Fluid, Produced Water, and Gathering Line Water/Waste.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.

QUANTITY: 17 B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

SHIPMENT DATE, DRIVER'S SIGNATURE, DELIVERY DATE, DRIVER'S SIGNATURE

TRANSPORTER: Transporter's Name: Kadlak Oilfield Services, Driver's Name: OSVALDO ALVARADO, Address, Print Name, Phone No., Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

TRUCK TIME STAMP: IN: OUT: DISPOSAL FACILITY: RECEIVING AREA: Name/No.

Site Name/Permit No.: Halfway Facility / NM1-006, Address: 6601 Hobbs Hwy US 52/180 Mile Marker 66 Carlsbad, NM 88220, Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO, If YES, was reading > 50 micro roentgens? (circle one) YES NO, PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS table with columns for Feet, Inches, BS&W/RBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED, If denied, why? NAME (PRINT), DATE, TITLE, SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Tomillo Phone No: 505-213-5457

GENERATOR

NO. 588813

Operator No. Operators Name: Abu oil & gas Address: 1001 W. Wilshire Blvd Suite 206 City, State, Zip: Oklahoma City, OK 73116 Phone No: 405-282-4391

Permit/RRC No. Lease/Well Name & No.: Dutton Fr & Gas 1318-232H County: Tulsa API No.: 30-015-19105 RIG Name & No. AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with 3 columns: Oil Based Muds, NON-INJECTABLE WATERS, and INJECTABLE WATERS. Rows include Washout Water, Completion Fluid, Produced Water, etc.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLD), Ignitability, Corrosivity and Reactivity

Non-Exempt Other: please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name: Kodiak Oilfield Address: Phone No.:

Driver's Name: Print Name: Phone No.: Truck No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT: Name/No.:

Site Name/ Permit No. Address: Halfway Facility / NM1-006 5601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro rontgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns for Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Trujillo Phone No.: 432-215-2422

GENERATOR

NO. 588806

Operator No. Operators Name: New oil + gas Address: 1001 W. Washington Blvd Suite 206 City, State, Zip: Oklahoma City, OK 73116 Phone No.: 432-215-4591

Permit/RRC No. Lease/Well Name & No.: Operation Fallon 1318 131H County: sdyg API No.: 30-015-19038 Rig Name & No. AFE/PO No.

Table with columns for waste types: OIL BASED MUDS, WATER BASED MUDS, PRODUCED FORMATION SOLIDS, TANK BOTTOMS, E&P CONTAMINATED SOIL, GAS PLANT WASTE. Includes sub-sections for NON-INJECTABLE WATERS and INJECTABLE WATERS.

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLAP), ignitability, corrosivity and reactivity.

Non-Exempt Other: \*please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)
Signature: Kate Trujillo DATE: 1-31-23

TRANSPORTER

Transporter's Name: Kwikpak Oilfield Services Driver's Name: Christiano Hernandez
Address: 5160 Colorado St Print Name:
Phone No.: 575-241-9599 Truck No.: 88

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE: 1-31-23 DRIVER'S SIGNATURE: Christiano Hernandez DELIVERY DATE: 1-31-23 DRIVER'S SIGNATURE: Christiano Hernandez

TRUCK TIME STAMP IN: OUT: DISPOSAL FACILITY RECEIVING AREA Name/No. CO

Site Name/Permit No.: Halfway Facility / NM1-006 Phone No.: 575-393-1079
Address: 5601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns for Tank Bottoms measurements: Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?
Signature: NAME (PRINT) DATE TITLE SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Con



Name: [Handwritten] Phone No.: [Handwritten]

GENERATOR

NO. 588807

Operator No. [Blank]
Operators Name: New oil + gas
Address: 1001 W. 1st Street
City, State, Zip: Oklahoma City, OK 73116
Phone No.: 405 236 4391

Permit/RRC No. [Blank]
Lease/Well: Denton Fred Com 1318 ISH
Name & No.: [Blank]
County: [Blank]
API No.: 30-1615-15052
Rig Name & No.: [Blank]
AFE/PO No.: [Blank]

Table with columns for waste types: Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, and various water types (Washout Water, Completion Fluid, Produced Water, etc.).

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES
NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other: [Blank] \*please select from Non-Exempt Waste List on back
QUANTITY: [Handwritten] B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- [ ] RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
[ ] RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
[ ] MSDS Information [ ] RCRA Hazardous Waste Analysis [ ] Other (Provide Description Below)

[ ] EMERGENCY NON-DILFELDE: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)
(Print) AUTHORIZED AGENTS NAME: Kate Trull DATE: 1-30-23 SIGNATURE: [Handwritten]

TRANSPORTER

Transporter's Name: Kn Hook Oilfield Services Driver's Name: [Handwritten]
Address: 4111 [Handwritten] Print Name: [Handwritten]
Phone No.: [Handwritten] Phone No.: [Handwritten]
Truck No.: [Handwritten]

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.
SHIPMENT DATE: 1-31-23 DRIVER'S SIGNATURE: [Handwritten] DELIVERY DATE: 1-31-23 DRIVER'S SIGNATURE: [Handwritten]

TRUCK TIME STAMP: IN: [Blank] OUT: [Blank] DISPOSAL FACILITY: [Blank] RECEIVING AREA: Name/No. [Handwritten]

Site Name/Permit No./Address: Halfway Facility / NMI-006, 5601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079
NORM. READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED if denied, why? [Handwritten]
NAME (PRINT): [Handwritten] DATE: [Handwritten] TITLE: [Handwritten] SIGNATURE: [Handwritten]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Ingle Phone No. 505 255 5452

GENERATOR

NO. 588809

Operator No. Operators Name: New Oil & Gas Address: 1001 W. Kulture Blvd Suite 206 City, State, Zip: Oklahoma City, OK 73116 Phone No. 405 255 4331

Permit/RRC No. Lease/Well Name & No.: Okla Fed Com 1318-2524 County: OKY API No.: 20-015-49103 Rig Name & No. AFE/PO No.

Table with columns for waste types: Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste. Sub-columns for Non-Injectable Waters and Injectable Waters.

WASTE GENERATION PROCESS: DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES [ ]

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCDF), ignitability, corrosivity and reactivity.

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1983 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information [ ] RCRA Hazardous Waste Analysis [ ] Other (Provide Description Below) [ ]

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Signature: Kate Ingle DATE: 3/26/23

TRANSPORTER: Transporter's Name: Oilfield Services Address: Willoughby St Phone No. 575 637 2289 Driver's Name: Guzman, Alejandro Print Name: Phone No. 575 241 9594 Truck No. 28

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 3/26/23 DRIVER'S SIGNATURE: Guzman A DELIVERY DATE: 3/26/23 DRIVER'S SIGNATURE: Guzman A

TRUCK TIME STAMP: IN: OUT: DISPOSAL FACILITY: RECEIVING AREA: Name/No. 505

Site Name/Permit No./Address: Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 Phone No. 575-393-1079 NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS table with columns for 1st Gauge, 2nd Gauge, Received, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED (if denied, why?) NAME (PRINT): DATE: TITLE: SIGNATURE:



Name John P. Smith

Phone No. 505 253 5122

GENERATOR

NO. 588824

Operator No. \_\_\_\_\_  
Operators Name Nancy J. + 2-5  
Address 1001 W. US-180 Bldg  
5-170 120  
City, State, Zip Deming NM 88416  
Phone No. 505 253 1311

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. Operator Fed Com 1186  
County Grant  
API No. 30-015-219102  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other: \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 15 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name Kotrak  
Address \_\_\_\_\_  
Phone No. 575 733 8442

Driver's Name Rose FRAPPO  
Print Name \_\_\_\_\_  
Phone No. 786 933 7641  
Truck No. 47

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. CO

Site Name/Permit No. Halfway Facility / NM1-006  
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO if YES, was reading > 50 micro roentgens? (circle one) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT)

DATE

TITLE

SIGNATURE

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Phone No. 432-215-5192



**GENERATOR**

NO. 598383

Operator No. \_\_\_\_\_  
Operators Name Novo oil + GAS  
Address 1001 W. Washburn Blvd  
Stokely City OK 73116  
City, State, Zip OK 73116  
Phone No. 405-286-0591

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. Quaker Leasing 1318 211H  
County F229  
API No. 30-015-491000  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Rete Trujillo  
(PRINT) AUTHORIZED AGENT'S SIGNATURE

1-30-23  
DATE

[Signature]  
SIGNATURE

**TRANSPORTER**

Transporter's Name Kentick Oilfield Services  
Address 1111 S. 2nd St  
Phone No. 405-271-2225

Driver's Name Quirino Hernandez  
Phone No. 505-201-9594  
Truck No. 28

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 1-30-23

DRIVER'S SIGNATURE [Signature]

DELIVERY DATE 1-30-23

DRIVER'S SIGNATURE [Signature]

**TRUCK TIME STAMP**

**DISPOSAL FACILITY**

**RECEIVING AREA**

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. 80151

Site Name/Permit No. Halfway Facility / NM1-006  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge	Feet	Inches	BS&W/BLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT) \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name: Kate  
Phone No: 432-215-9452

GENERATOR

NO. 589385

Operator No. \_\_\_\_\_  
Operators Name: Novo oil & gas  
Address: 1001 W. Wilshire Blvd  
Suite 206  
City, State, Zip: Oklahoma City, OK 73116  
Phone No: 405 281 4241

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No.: Oklahoma Fed Gas 1318 2114  
County: Sallis  
API No.: 0-215-99100  
Rig Name & No.: \_\_\_\_\_  
AFE/PO No.: \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Kate Trevillo (PRINT) AUTHORIZED AGENTS SIGNATURE 1-30-23 DATE [Signature] SIGNATURE

TRANSPORTER

Transporter's Name: Kaltrak Oilfield Services  
Address: \_\_\_\_\_  
Phone No: \_\_\_\_\_

Driver's Name: [Signature]  
Phone No: 505 201 9754  
Truck No: 28

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: \_\_\_\_\_ DRIVER'S SIGNATURE: \_\_\_\_\_ DELIVERY DATE: \_\_\_\_\_ DRIVER'S SIGNATURE: \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_ Name/No. 20171

Site Name/Permit No.: Halfway Facility / NM1-006  
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) \_\_\_\_\_ DATE \_\_\_\_\_ TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST  
(PLEASE PRINT)

Company Man Contact Information



Name: Erik Truitt  
Phone No.: 305-218-5452

GENERATOR

NO. 588808

Operator No. \_\_\_\_\_  
Operators Name: New oil + gas  
Address: 1001 W. Air Drive  
Site 206  
City, State, Zip: Oilfield City, OK 73144  
Phone No.: 901-286-4391

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No.: Quantum Prod Com 1318 9524  
County: Eddy  
API No.: 30-015-49103  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-injectable)	Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-injectable)	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and provide description of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity and reactivity.  
Non-Exempt Other: \_\_\_\_\_ please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Erik Truitt (PRINT) AUTHORIZED AGENT'S NAME DATE: 1-30-23 SIGNATURE: [Signature]

TRANSPORTER

Transporter's Name: Kodiak Oilfield Services  
Address: 11100 1st  
Phone No.: 575-652-2289

Driver's Name: Osvaldo Hernandez  
Print Name: \_\_\_\_\_  
Phone No.: 315-241-9594  
Truck No.: 08

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: 1-30-23 DRIVER'S SIGNATURE: [Signature] DELIVERY DATE: 1-30-23 DRIVER'S SIGNATURE: [Signature]

TRUCK TIME STAMP		DISPOSAL FACILITY	RECEIVING AREA	
IN:	OUT:		Name/No.	
			<u>051</u>	
Site Name/Permit No.:	Halfway Facility / NM1-006		Phone No.:	575-393-1079
Address:	6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220			
NORM READINGS TAKEN? (Circle One)	YES	NO	If YES, was reading > 50 micro roentgens? (circle one) YES NO	
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO		

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	Free Water	Total Received	BS&W (%)
1st Gauge Received						
2nd Gauge Received						

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? \_\_\_\_\_  
[Signature] NAME (PRINT) DATE: 1/30 TITLE: Lead SIGNATURE: [Signature]



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Name: Kate Trujillo  
Name: Kate Trujillo  
Phone No: 405-226-4337

<b>GENERATOR</b>		NO. <b>599382</b>
Operator No. _____	Permit/BRC No. _____	Lease/Well Name & No. <b>Overton Field 1318 211H</b>
Operators Name <b>Novo oil &amp; gas</b>	Name & No. _____	County <b>LeFlore</b>
Address <b>1001 W. W. Street Blvd Suite 206</b>	County _____	API No. <b>30-015-74000</b>
City, State, Zip <b>Oklahoma City, OK 73106</b>	Rig Name & No. _____	AFE/PO No. _____
Phone No. <b>405-226-4337</b>		

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds _____	<b>NON-INJECTABLE WATERS</b>	<b>INJECTABLE WATERS</b>
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Washout Water (Injectable) _____
Waste Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	Completion Fluid/Flow Back (Injectable) _____
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	Produced Water (Injectable) _____
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	Gathering Line Water/Waste (Injectable) _____
Tank Bottoms _____	<b>INTERNAL USE ONLY</b>	<b>OTHER EXEMPT WASTES</b> (type and generation process of the waste)
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NDN-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.  
Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY <b>17</b>	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
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I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

**Kate Trujillo** (PRINT) AUTHORIZED AGENT'S SIGNATURE      **3-26-23** DATE      **[Signature]** SIGNATURE

<b>TRANSPORTER</b>	
Transporter's Name <b>KODIAK</b>	Driver's Name <b>R. RAFAEL</b>
Address <b>CARLSBAD</b>	Phone No. <b>405-803-1667</b>
Phone No. _____	Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

**3-20-23** SHIPMENT DATE      **[Signature]** DRIVER'S SIGNATURE      **3-20-23** DELIVERY DATE      **[Signature]** DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: _____ OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <b>CO</b>
Site Name/Permit No. <b>Halfway Facility / NM1-006</b>	Phone No. <b>575-887-6504</b>	
Address <b>6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220</b>		
NORM READINGS TAKEN? (Circle One) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF YES, was reading > 50 micro roentgens? (Circle One) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
PASS THE PAINT FILTER TEST? (Circle One) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NORM (mR/hr) _____	

<b>TANK BOTTOMS</b>			
1st Gauge	Feet	Inches	BS&W/BBLS Received
2nd Gauge			Free Water
Received			Total Received
			BS&W (%)

I hereby certify that the above load material has been (circle one):  ACCEPTED  DENIED If denied, why? \_\_\_\_\_

\_\_\_\_\_  
NAME (PRINT)      DATE      TITLE      SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Name: R360  
Name: Rite Trujillo  
Phone No. 432-215-9522

GENERATOR

NO. 598391

Operator No. \_\_\_\_\_  
Operators Name: New Oil Gas  
Address: 1011 W. ...  
City, State, Zip: Oklahoma City, OK 73106  
Phone No. 405-236-4391

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No.: Dutton Fed Com 1510 211 H  
County: Tulsa  
API No.: 201015 991000  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Waste Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Rite Trujillo (PRINT) AUTHORIZED AGENTS SIGNATURE DATE 1-30-23 SIGNATURE

TRANSPORTER

Transporter's Name: KODIAK OILFIELD SERVICES  
Address: 411 RAYLE ST  
Phone No. 575-622-2289

Driver's Name: RAFAE  
Phone No. \_\_\_\_\_  
Truck No. 91

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: 1-29-23 DRIVER'S SIGNATURE: [Signature] DELIVERY DATE: 1-29-23 DRIVER'S SIGNATURE: [Signature]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_ Name/No. 66

Site Name/Permit No.: Halfway Facility / NM1-006  
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received				

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) DATE TITLE SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Pete Truitt

Phone No.: 432-215-3450

GENERATOR

NO. 588802

Operator No. Operators Name: New oil + gas Address: 1001 W. Wilshire Blvd Suite 206 City, State, Zip: Oklahoma City, OK 73116 Phone No.: 405-286-4591

Permit/RRC No. Lease/Well Name & No.: Oration Field Com 1312-7314 Eddy County API No.: 30 05 49098 Rig Name & No. AFE/PO No.

Table with columns for waste types: Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INJECTABLE WATERS, INTERNAL USE ONLY, OTHER EXEMPT WASTES. Includes checkboxes for WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES.

NON EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCL), Ignitability, Corrosivity and Reactivity. please select from Non-Exempt Waste List on back

QUANTITY: 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form) Pete Truitt DATE: 1-30-23 SIGNATURE: [Signature]

TRANSPORTER Transporter's Name: KOVIAR Address: 541-5601 Phone No. Driver's Name: RAFAEL Print Name: 156-863-1067 Phone No. Truck No.: 41

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 1-30-23 DRIVER'S SIGNATURE: [Signature] DELIVERY DATE: 1-30-23 DRIVER'S SIGNATURE: [Signature]

TRUCK TIME STAMP IN: OUT: DISPOSAL FACILITY Name/No.: Halfway Facility / NM1-006 Phone No.: 575-393-1079 RECEIVING AREA Name/No.: Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS Table with columns for Feet, Inches, 1st Gauge, 2nd Gauge, Received, BS&W/BLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why? [Signature]



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name: PE... Phone No: (432) 215-5452

GENERATOR

NO. 599379

Operator No. Operators Name: Novor Oil & Gas Address: 1001 W. WASHBURN SUITE 205 City, State, Zip: OKLAHOMA 6174 DE 73116 Phone No: 405-236-4391

Permit/RRC No. Lease/Well Name & No.: Ovation Fed Com 1318 132 H County: CDDY API No.: 30-015-49111 Rig Name & No. AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for Oil Based Muds, Waste Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, INTERNAL USE ONLY, and INJECTABLE WATERS.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: \*please select from Non-Exempt Waste List on back

QUANTITY: 10 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Other (Provide Description Below)
EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

PETE TRUJILLO

1-30-23

[Signature]

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name: Kodiak Address: Carlsbad Phone No.

Driver's Name: Yazio Phone No.: 575-762-8360 Truck No.: 02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 01-30-23 DRIVER'S SIGNATURE: Yazio DELIVERY DATE: 01-30-23 DRIVER'S SIGNATURE: Yazio

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: OUT: Name/No.

Site Name/ Permit No.: Halfway Facility / NM1-006 Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.: 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO NORM (mR/hr)

TANK BOTTOMS

Table with columns for Feet, Inches, 1st Gauge, 2nd Gauge, Received, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT): DATE: TITLE: SIGNATURE:



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Phone No. 432-215-3300

**GENERATOR**

NO. 588878

Operator No. \_\_\_\_\_  
Operators Name New oil + gas  
Address 1001 W. Wilshire  
Suite 306  
City, State, Zip OKlahoma City, OK, 73116  
Phone No. 405-286-4131

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. Quantum Fed com 1318 132 H  
County FEMA  
API No. 32-015-99141  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds _____	Washout Water (Non-Injectable) _____	Washout Water (Injectable) _____
Oil Based Cuttings _____	Completion Fluid/Flow Back (Non-Injectable) _____	Completion Fluid/Flow Back (Injectable) _____
Waste Based Muds _____	Produced Water (Non-Injectable) _____	Produced Water (Injectable) _____
Water Based Cuttings _____	Gathering Line Water/Waste (Non-Injectable) _____	Gathering Line Water/Waste (Injectable) _____
Produced Formation Solids _____		
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	OTHER EXEMPT WASTES (type and generation process of the waste)
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.  
Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
  - RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
    - MSDS Information
    - RCRA Hazardous Waste Analysis
    - Other (Provide Description Below)
  - EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)
- [Signature] 1-30-23 [Signature]  
(PRINT) AUTHORIZED AGENT'S SIGNATURE DATE SIGNATURE

**TRANSPORTER**

Transporter's Name Kodiak  
Address Carlsbad  
Phone No. \_\_\_\_\_

Driver's Name [Signature]  
Phone No. 575-988-8360  
Truck No. 02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.  
01-30-23 [Signature] 01-30-23 [Signature]  
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: _____ OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>20631</u>
------------------------------------------	--------------------------	-----------------------------------------

Site Name/Permit No. Halfway Facility / NM1-006 Phone No. 575-887-6504  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220  
NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) YES  NO   
PASS THE PAINT FILTER TEST? (Circle One) YES  NO  NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

	Feet	Inches	BS&W/BBLs Received	Free Water	Total Received	BS&W (%)
1st Gauge						
2nd Gauge						
Received						

I hereby certify that the above load material has been (circle one) ACCEPTED  DENIED  If denied, why? \_\_\_\_\_  
[Signature] [Signature] [Signature]  
NAME (PRINT) DATE TITLE SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Truitt Phone No.: 432-215-5432

GENERATOR

NO. 588801

Operator No. Operators Name: New oil + gas Address: 1001 W. Wilshire Blvd Suite 206 City, State, Zip: Oklahoma City, OK 73116 Phone No.: 405-286-4891

Permit/RRC No. Lease/Well Name & No.: Ovation Fed Com 1313 1314 County: Eddy API No.: 30-015-49078 Rig Name & No. AFE/PO No.

Table with columns for waste types: Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, NON-INJECTABLE WATERS, and INJECTABLE WATERS.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES. NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), ignitability, corrosivity, and reactivity.

QUANTITY: 17 B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is... RCRA EXEMPT, RCRA NON-EXEMPT, MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below), EMERGENCY NON-OILFIELD.

TRANSPORTER: Name: Kodiak, Address: Carlsbad, Driver's Name: Mario, Print Name: Mario, Phone No.: 575-988-8360, Truck No.: 02

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE: 01-30-23, DRIVER'S SIGNATURE: Mario, DELIVERY DATE: 01-30-23, DRIVER'S SIGNATURE: Mario

TRUCK TIME STAMP: IN: , OUT: . DISPOSAL FACILITY: Name/No.: . RECEIVING AREA: Name/No.: . Site Name/Permit No.: Halfway Facility / NM1-006, Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220, Phone No.: 575-393-1079. NORM READINGS TAKEN? (Circle One) YES NO. If YES, was reading > 50 micro roentgens? (circle one) YES NO. PASS THE PAINT FILTER TEST? (Circle One) YES NO.

TANK BOTTOMS: Feet, Inches, 1st Gauge, 2nd Gauge, Received, B5&W/BBLS Received, Free Water, Total Received, B5&W (%)

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED. If denied, why? NAME (PRINT): DATE: TIME: SIGNATURE:



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Main Contact Information

Name: Rita Bullis

Phone No. 505-252-1115

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

NO. 7005602

Operator No. \_\_\_\_\_  
Operators Name YOUNG OIL & GAS  
Address 1801 W. 2nd Ave  
City, State, Zip Del Rio, NM 86820  
Phone No. 505-252-1115

Permit/RRC No. 1215 2304  
Lease/Well Name & No. 1215 2304  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. 30-315-1115  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Washout Water (Injectable)
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analyzed and be below threshold limits for toxicity (TCCLP), ignitability, corrosivity and reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 8214 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENT'S SIGNATURE Rita Bullis

DATE 3/20/23

SIGNATURE [Signature]

TRANSPORTER

Transporter's Name ENV 801-2552  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220  
Phone No. 505-252-1115

Driver's Name [Signature]  
Phone No. \_\_\_\_\_  
Truck No. 215

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

DELIVERY DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. \_\_\_\_\_

Site Name/Permit No. Halfway Facility / NM1-006  
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT) \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: [Handwritten] Phone No.: [Handwritten]

GENERATOR

NO. 588805

Operator No., Operators Name, Address, City, State, Zip, Phone No. [Handwritten]

Permit/RRC No., Lease/Well Name & No., County, API No., Rig Name & No., AFE/PO No. [Handwritten]

Table with columns for waste types: Oil Based Muds, Water Based Muds, etc. and categories: NON-INJECTABLE WATERS, INJECTABLE WATERS, OTHER EXEMPT WASTES.

WASTE GENERATION PROCESS: DRILLING, COMPLETION, PRODUCTION, GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analyzed and be below the threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: \*please select from Non-Exempt Waste List on back

QUANTITY: B - BARRELS, L - LIQUID, Y - YARDS, E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended.
MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Signature and Date fields for generator

TRANSPORTER

Transporter's Name, Address, Phone No., Driver's Name, Print Name, Phone No., Truck No. [Handwritten]

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE, DRIVER'S SIGNATURE, DELIVERY DATE, DRIVER'S SIGNATURE

TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/Permit No., Address, Phone No. [Handwritten]

NORM READINGS TAKEN? (Circle One) YES NO, If YES, was reading > 50 micro roentgens? (circle one) YES NO, PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Gauge (1st, 2nd), Received, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED, DENIED, If denied, why? [Handwritten]

NAME (PRINT), DATE, TITLE, SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: Pete Trevino  
Phone No. (432) 215-5452

GENERATOR

NO. 598378

Operator No. \_\_\_\_\_  
Operators Name: Howell Gas  
Address: 1001 W. WILSHIRE  
Suite 300  
City, State, Zip: OKLAHOMA City OK 73116  
Phone No.: 405-236-4591

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No.: Ovation Fed com 1318 132 H  
County: FOOT  
API No.: 30-015-49121  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow Back (Non-Injectable)	Completion Fluid/Flow Back (Injectable)
Waste Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids		
Tank Bottoms		
E&P Contaminated Soil	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generating process of the waste)
Gas Plant Waste	Truck Washout (exempt waste)	

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.  
Non-Exempt Other: \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 17 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Pete Trevino 1-30-23 [Signature]  
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name: Kodiak  
Address: \_\_\_\_\_  
Phone No.: 575 780 7472

Driver's Name: [Signature]  
Phone No.: 736 9539311  
Truck No.: 33

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: _____ OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>CO</u>
------------------------------------------	-------------------	--------------------------------------

Site Name/Permit No.: Halfway Facility / NM1-006 Phone No.: 575-887-6504  
Address: 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) YES  NO   
PASS THE PAINT FILTER TEST? (Circle One) YES  NO  NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge				
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED  DENIED  If denied, why? ent  
[Signature] 1/30/23 [Signature]  
NAME (PRINT) DATE TITLE SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Company Name: PETE TRUJILLO  
Name: PETE TRUJILLO  
Phone No: 432-215-5452

<b>GENERATOR</b>		NO. <b>598380</b>
Operator No. _____	Permit/BRC No. _____	Lease/Well Name & No. <b>WATSON FLD COM 1318</b>
Operators Name <b>MORO OIL &amp; GAS</b>	County <b>BOOM</b>	API No. <b>30-015 49121</b>
Address <b>1001 W. WILSHIRE</b>	Rig Name & No. _____	AFE/PO No. _____
<b>Suite 306</b>		
City, State, Zip <b>OKLAHOMA CITY OK 73116</b>		
Phone No. <b>405-236-4391</b>		

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)		
Oil Based Muds _____	<b>NON-INJECTABLE WATERS</b>	<b>INJECTABLE WATERS</b>
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Washout Water (Injectable) _____
Waste Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	Completion Fluid/Flow Back (Injectable) _____
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	Produced Water (Injectable) _____
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	Gathering Line Water/Waste (Injectable) _____
Tank Bottoms _____	<b>INTERNAL USE ONLY</b>	<b>OTHER EXEMPT WASTES</b> (type and generation process of the waste)
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
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I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

**PETE TRUJILLO** **01-30-23** **[Signature]**  
 (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

<b>TRANSPORTER</b>	
Transporter's Name <b>Kodiak</b>	Driver's Name <b>Bul Trujillo</b>
Address _____	Phone No. <b>736-952-9941</b>
Phone No. <b>525-988-8912</b>	Truck No. <b>93</b>

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____	DRIVER'S SIGNATURE _____	DELIVERY DATE _____	DRIVER'S SIGNATURE _____
---------------------	--------------------------	---------------------	--------------------------

TRUCK TIME STAMP IN: _____ OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. _____
Site Name/Permit No. <b>Halfway Facility / NM1-006</b>	Phone No. <b>575-867-6504</b>	
Address <b>6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220</b>		

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) YES  NO

PASS THE PAINT FILTER TEST? (Circle One) YES  NO  NORM (mR/hr) \_\_\_\_\_

<b>TANK BOTTOMS</b>	
1st Gauge	BS&W/BBLs Received
2nd Gauge	Free Water
Received	Total Received

I hereby certify that the above load material has been (circle one):  ACCEPTED  DENIED If denied, why? **OUT**

NAME (PRINT) **[Signature]** DATE \_\_\_\_\_ TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: Kate Trujillo, Phone No. 436 215 5452

GENERATOR

NO. 588804

Operator No., Operators Name: New oil & gas, Address: 1001 W. W. ... Blvd, Site 206, City, State, Zip: Oklahoma City, OK 73116, Phone No.: 405 756-4391

Permit/RRC No., Lease/Well Name & No.: Dantier Fed Com 1318 131H, County: Elly, API No.: 30-015-49098, Rig Name & No., AFE/PO No.

Table with columns for Waste/Service Identification and Amount, including categories like Oil Based Muds, Water Based Muds, Produced Formation Solids, Tank Bottoms, E&P Contaminated Soil, Gas Plant Waste, and WASTE GENERATION PROCESS (DRILLING, COMPLETION, PRODUCTION, GATHERING LINES).

NON-EXEMPT E&P Waste/Service Identification and Amount. All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. Non-Exempt Other: \*please select from Non-Exempt Waste List on back.

Table with columns for QUANTITY (B - BARRELS, L - LIQUID, Y - YARDS, E - EACH).

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
MSDS Information, RCRA Hazardous Waste Analysis, Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)
Signature: Kate Trujillo, DATE: 1-30-23

TRANSPORTER

Transporter's Name, Address, Phone No., Driver's Name, Print Name, Phone No., Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE, DRIVER'S SIGNATURE, DELIVERY DATE, DRIVER'S SIGNATURE

Table with columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/ Permit No.: Halfway Facility / NM1-006, Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220, Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO, If YES, was reading > 50 micro roentgens? (circle one) YES NO, PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table with columns: Feet, Inches, BS&W/BBLs Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED, If denied, why?

NAME (PRINT), DATE, TITLE, SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information

Name: [Handwritten]

Phone No.: [Handwritten]

GENERATOR

NO. 606485

Operator No. [Blank]

Permit/RRC No. [Blank]

Operators Name: [Handwritten: NORDAL + GAS]

Lease/Well Name & No.: [Handwritten: Overton 1st Com 7318 232H]

Address: [Handwritten: 10000 206 Blvd]

County: [Handwritten: SULLY]

City, State, Zip: [Handwritten: OTELL, NM 87816]

API No.: [Handwritten: 30 015 99 103]

Phone No.: [Handwritten: 405-336-4351]

Rig Name & No.: [Blank]

AFE/PO No.: [Blank]

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for waste types (Oil Based Muds, Oil Based Cuttings, etc.) and their respective amounts.

WASTE GENERATION PROCESS: [ ] DRILLING [ ] COMPLETION [ ] PRODUCTION [ ] GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

Non-Exempt Other: [Blank] \*please select from Non-Exempt Waste List on back

QUANTITY: [Handwritten: 200] B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations...
RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards...
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety...

DATE: [Handwritten: 3-23] SIGNATURE: [Handwritten]

TRANSPORTER

Transporter's Name: [Handwritten: OBI Holdings LLC] Driver's Name: [Handwritten]

Address: [Handwritten: 4507 Carlisbad Hwy] Print Name: [Handwritten]

Phone No.: [Handwritten: 505 341 0670] Truck No.: [Handwritten]

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE: [Handwritten: 1-30-23] DRIVER'S SIGNATURE: [Handwritten] DELIVERY DATE: [Handwritten: 1-30-23] DRIVER'S SIGNATURE: [Handwritten]

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: [Blank] OUT: [Blank] Name/No.: [Blank]

Site Name/ Permit No.: [Handwritten: Halfway Facility / NM1-006] Phone No.: [Handwritten: 575-393-1079]

Address: [Handwritten: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220]

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W/BBLS Received, Free Water, Total Received, BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? [Blank]

NAME (PRINT) DATE TITLE SIGNATURE



**APPENDIX F**  
Laboratory Analytical Data Reports



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

February 07, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO OVATION O PAD RELEASE 01/7/2023

Enclosed are the results of analyses for samples received by the laboratory on 02/06/23 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 1 3-3.5 (H230512-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 2 3-3.5 (H230512-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	GC-NC
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>261</b>	10.0	02/06/2023	ND	197	98.6	200	1.98	
<b>EXT DRO &gt;C28-C36</b>	<b>27.9</b>	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 3 3-3.5 (H230512-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>46.6</b>	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 4 3-3.5 (H230512-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
<b>EXT DRO &gt;C28-C36</b>	<b>19.3</b>	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 5 3-3.5 (H230512-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 6 3-3.5 (H230512-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 7 3-3.5 (H230512-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 8 3-3.5 (H230512-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 9 3-3.5 (H230512-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/07/2023	ND	416	104	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	02/06/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/06/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 10 3-3.5 (H230512-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/07/2023	ND	416	104	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	02/07/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 11 3-3.5 (H230512-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/07/2023	ND	416	104	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	02/07/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	59.3	10.0	02/07/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 12 3-3.5 (H230512-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	02/07/2023	ND	416	104	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	02/07/2023	ND	196	97.9	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>17.4</b>	10.0	02/07/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 13 3-3.5 (H230512-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/07/2023	ND	416	104	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	02/07/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 14 3-3.5 (H230512-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/07/2023	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	02/07/2023	ND	196	97.9	200	1.56	
DRO >C10-C28*	79.4	10.0	02/07/2023	ND	197	98.6	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 15 3-3.5 (H230512-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	211	105	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 16 3-3.5 (H230512-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90		
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18		
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92		
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93		
Total BTEX	<0.300	0.300	02/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479		
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	211	105	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 17 3-3.5 (H230512-17)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	2.01	101	2.00	3.90	
Toluene*	<0.050	0.050	02/06/2023	ND	2.06	103	2.00	5.18	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	2.01	100	2.00	5.92	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	6.23	104	6.00	4.93	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479	
<b>DRO &gt;C10-C28*</b>	<b>96.7</b>	10.0	02/07/2023	ND	211	105	200	1.03	
<b>EXT DRO &gt;C28-C36</b>	<b>10.6</b>	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 18 3-3.5 (H230512-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	1.90	94.9	2.00	11.5	
Toluene*	<0.050	0.050	02/06/2023	ND	1.87	93.6	2.00	12.1	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	1.84	91.9	2.00	12.4	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	5.57	92.9	6.00	12.2	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	211	105	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 19 3-3.5 (H230512-19)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2023	ND	1.90	94.9	2.00	11.5		
Toluene*	<0.050	0.050	02/06/2023	ND	1.87	93.6	2.00	12.1		
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	1.84	91.9	2.00	12.4		
Total Xylenes*	<0.150	0.150	02/06/2023	ND	5.57	92.9	6.00	12.2		
Total BTEX	<0.300	0.300	02/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>592</b>	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479		
<b>DRO &gt;C10-C28*</b>	<b>15.1</b>	10.0	02/07/2023	ND	211	105	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND						

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 20 3-3.5 (H230512-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	1.90	94.9	2.00	11.5	
Toluene*	<0.050	0.050	02/06/2023	ND	1.87	93.6	2.00	12.1	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	1.84	91.9	2.00	12.4	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	5.57	92.9	6.00	12.2	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479	
<b>DRO &gt;C10-C28*</b>	<b>12.3</b>	10.0	02/07/2023	ND	211	105	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/06/2023	Sampling Date:	02/05/2023
Reported:	02/07/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING NM		

**Sample ID: OPN - 21 3-3.5 (H230512-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2023	ND	1.90	94.9	2.00	11.5	
Toluene*	<0.050	0.050	02/06/2023	ND	1.87	93.6	2.00	12.1	
Ethylbenzene*	<0.050	0.050	02/06/2023	ND	1.84	91.9	2.00	12.4	
Total Xylenes*	<0.150	0.150	02/06/2023	ND	5.57	92.9	6.00	12.2	
Total BTEX	<0.300	0.300	02/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/07/2023	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	02/07/2023	ND	206	103	200	0.479	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	211	105	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Notes and Definitions

- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Altamira  
 Project Manager: Bryan Haney  
 Address: 14229 Punta Bonaire  
 City: Corpus Christi State: Texas Zip: 78412  
 Phone #: 361-658-3126 Fax #:   
 Project #: ~~NOVINOVA~~ ~~259166~~ Project Owner: Bryan Haney  
 Project Name: Novo Ovation 6 Pad release 0172023  
 Project Location: Loving New Mexico  
 Sampler Name: Orlando Gonzalez, Bryan Haney Mark Masio  
 P.O. #: Direct Bill Novo  
 Company: Oil and Gas  
 Attn:   
 Address:   
 City:   
 State:   
 Zip:   
 Phone #:   
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	B	T	E	X	H	S
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
A230512	OPN-1	C	1	X						2/5/23	1202	X	X	X	X	X	
	OPN-2	C	1	X						2/5/23	1204	X	X	X	X	X	
	OPN-3	C	1	X						2/5/23	1206	X	X	X	X	X	
	OPN-4	C	1	X						2/5/23	1208	X	X	X	X	X	
	OPN-5	C	1	X						2/5/23	1210	X	X	X	X	X	
	OPN-6	C	1	X						2/5/23	1212	X	X	X	X	X	
	OPN-7	C	1	X						2/5/23	1214	X	X	X	X	X	
	OPN-8	C	1	X						2/5/23	1216	X	X	X	X	X	
	OPN-9	C	1	X						2/5/23	1218	X	X	X	X	X	
	OPN-10	C	1	X						2/5/23	1220	X	X	X	X	X	

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Relinquished By: *[Signature]* Date: 2/6/23 Time: 10:33  
 Received By: *[Signature]*  
 Relinquished By: *[Signature]* Date:   
 Time:   
 Received By:   
 Time:   
 Remarks: 24 HR TAT

Delivered By: (Circle One) Observed Temp. °C: 3.3 Cool Intact:  Yes  No  
 Sampler - UPS - Bus - Other: Corrected Temp. °C: 2.7  Yes  No  
 CHECKED BY: *[Signature]*  
 Turnaround Time: Standard Rush  Bacteria (only) Sample Condition:  Yes  No  
 Thermometer ID #113 Correction Factor: 0.16  Yes  No  
 Verbal Result:  Yes  No Add'l Phone #:   
 All Results are emailed. Please provide Email address:   
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Altamia	P.O. #: Direct Bill Novo
Project Manager: Bryan Haney	Company: Oil and Gas
Address: 14229 Punta Bonaire	Attn:
City: Corpus Christi	State: Texas
Phone #: 361-658-3126	Fax #: 78412
Project #: <del>NOV0201001</del> 2801001	Project Owner: Bryan Haney
Project Name: Novo Ovation	Pad release 01/17/2023
Project Location: Loving New Mexico	State: Zip:
Sampler Name: Orlando Gonzalez, Bryan Haney Mark Masio	Phone #:
FOR LAB USE ONLY	Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	B T E X	T P H	C H L O R I D E S
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
11	OPN-11	3-3.5'	0	X							2/5/23	1222	X	X	X	
12	OPN-12	3-3.5'	0	X							2/5/23	1224	X	X	X	
13	OPN-13	3-3.5'	0	X							2/5/23	1226	X	X	X	
14	OPN-14	3-3.5'	0	X							2/5/23	1228	X	X	X	
15	OPN-15	3-3.5'	0	X							2/5/23	1230	X	X	X	
16	OPN-16	3-3.5'	0	X							2/5/23	1232	X	X	X	
17	OPN-17	3-3.5'	0	X							2/5/23	1234	X	X	X	
18	OPN-18	3-3.5'	0	X							2/5/23	1236	X	X	X	
19	OPN-19	3-3.5'	0	X							2/5/23	1238	X	X	X	
20	OPN-20	3-3.5'	0	X							2/5/23	1240	X	X	X	

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Relinquished By: *[Signature]* Date: 2/10/23 Time: 10:33

Received By: *[Signature]* Date: 2/10/23 Time: 10:33

Turnaround Time: 24 HR TAT

Standard Rush  Baeteria (only)  Sample Condition Observed Temp. °C Corrected Temp. °C

Cool Intact  Yes  No  Yes  No  Yes  No  Yes  No

Delivered By: (Circle One) Observed Temp. °C 3.32 Corrected Temp. °C 2.72

Sampler - UPS - Bus - Other:  Yes  No

Checked By: *[Signature]*

Thermometer ID #113 Correction Factor -0.16°C

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Altamira P.O. #: Direct Bill Novo

Project Manager: Bryan Haney Company: Oil and Gas

Address: 14229 Punta Bonaire Attn: \_\_\_\_\_

City: Corpus Christi State: Texas Zip: 78412

Phone #: 361-658-3126 Fax #: \_\_\_\_\_

Project #: NOVON 224101 Project Owner: Bryan Haney

Project Name: Novo Ovation O Pad release 01/07/2023 State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Location: Loving New Mexico Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Sampler Name: Orlando Gonzalez, Bryan Haney Mark Masio

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	B	T	C	H	S
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
<u>H230519</u>	<u>21 OPN - 21 3-3.5'</u>	<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
		<u>C</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: \_\_\_\_\_ Date: 2-16-23 Received By: Sheddiequery

Time: 11:33 Date: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: 3.8 Sample Condition: Cool Intact CHECKED BY: SR

Sampler - UPS - Bus - Other: Corrected Temp. °C: 2.7  Yes  No  Intact  Yes  No

Turnaround Time: \_\_\_\_\_ Standard  Rush  Bacteria (only) Sample Condition: Cool Intact  Yes  No  Intact  Yes  No  Corrected Temp. °C: \_\_\_\_\_

Thermometer ID #113 0.56 O.V.C.

Correction Factor: \_\_\_\_\_

REMARKS: 24 HR TAT

Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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February 13, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO OVATION O PAD RELEASE 01/7/2023

Enclosed are the results of analyses for samples received by the laboratory on 02/10/23 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/10/2023	Sampling Date:	02/10/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	NOVO OVATION O PAD RELEASE 01/7/21	Sampling Condition:	Cool & Intact
Project Number:	NVONM2301/001	Sample Received By:	Tamara Oldaker
Project Location:	LOVING NM		

**Sample ID: OPN - 2 (4-4.5') (H230646-01)**

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	02/10/2023	ND	192	96.1	200	2.28	
<b>DRO &gt;C10-C28*</b>	<b>32.5</b>	10.0	02/10/2023	ND	204	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

**Sample ID: OPN - 17 (4-4.5') (H230646-02)**

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	02/10/2023	ND	192	96.1	200	2.28	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	204	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Altamira  
 Project Manager: Bryan Haney  
 Address: 14229 Punta Bonaire  
 City: Corpus Christi State: Texaszip: 78412  
 Phone #: 361-658-3126 Fax #: 78412  
 Project #: NVQNM23041004 Project Owner: Bryan Haney  
 Project Name: ~~Novo Ovation 0~~ Pad release *01-7-2023*  
 Project Location: Loving New Mexico  
 Sampler Name: O. Gonzalez, J. Gonzalez, S. Waters  
 P.O. #: Direct Bill Novo  
 Company: Oil and Gas  
 Attn:  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	CHLORIDES
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
<i>H230646</i>	<i>OPD-2 (4-4.5)</i>	C	1	X	X	X	X	X	X	X	X	X	X	X	X
	<i>OPD-17 (4-4.5)</i>	C	1	X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X
		C		X	X	X	X	X	X	X	X	X	X	X	X

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Relinquished By: *[Signature]* Date: *2-10-2023*  
 Received By: *[Signature]* Date: *2-10-2023*  
 Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: *1.0* Sample Condition:  Intact  Cooled  Yes  No  
 Corrected Temp. °C: *1.0* CHECKED BY: *[Signature]*  
 Sampler - UPS - Bus - Other: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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February 15, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: OVATION O PAD HEATER TRATER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/14/23 15:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	OVATION O PAD HEATER TRATER RELE/	Sampling Condition:	Cool & Intact
Project Number:	NVONM 2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING, NEW MEXICO		

**Sample ID: EAST WALL - 1 0-3' (H230695-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	0.935	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.99	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.06	103	2.00	2.45	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.22	104	6.00	1.96	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	02/15/2023	ND	432	108	400	3.64	

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	02/15/2023	ND	198	99.1	200	3.32	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	188	94.1	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/14/2023	Sampling Date:	02/14/2023
Reported:	02/15/2023	Sampling Type:	Soil
Project Name:	OVATION O PAD HEATER TRATER RELE/	Sampling Condition:	Cool & Intact
Project Number:	NVONM 2301/001	Sample Received By:	Shalyn Rodriguez
Project Location:	LOVING, NEW MEXICO		

**Sample ID: NORTH WALL - 1 0-3' (H230695-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	0.935	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.99	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.06	103	2.00	2.45	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.22	104	6.00	1.96	
Total BTEX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	02/15/2023	ND	432	108	400	3.64	

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	02/15/2023	ND	198	99.1	200	3.32	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	188	94.1	200	4.61	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Altamira  
 Project Manager: Bryan Huey  
 Address: 14229 Parker Bowtie  
 City: Las Cruces State: NM Zip: 78112  
 Phone #: 361-658-3126 Fax #: \_\_\_\_\_  
 Project #: WQJM 2301/001 Project Owner: Bryan Huey  
 Project Name: Oklahoma Oil Heater Treater Release  
 Project Location: Louis New Mexico

P.O. #: Direct Bill  
 Company: Novo Oil and Gas  
 Attn: Gas  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
Lab I.D. <u>1A301995</u>			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :				
1	East well-1	0-3'		<input checked="" type="checkbox"/>		2/4/23	1025	X BTEX
2	North well-1	0-3'				2/4/23	1030	X TPH X CHLORIDES

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Relinquished By: \_\_\_\_\_  
 Date: 2/14/23  
 Time: 15:54

Received By: Shadrighery  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:

Observed Temp. °C: 0.9  
 Corrected Temp. °C: 1.5  
 Sample Condition:  
 Cool  Intact   
 Yes  No

Turnaround Time: 24 Hr TAT  
 Thermometer ID #113  
 Correction Factor -0.6°C  
 Standard  Rush   
 Bacteria (only) Sample Condition:  
 Cool Intact  Observed Temp. °C  
 Yes  No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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February 20, 2023

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: OVATION O PAD HEATER TRATER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/17/23 16:53.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ALTAMIRA - US  
 BRYAN HANEY  
 14229 PUNTA BONAIRE DR.  
 CORPUS CHRISTI TX, 78418  
 Fax To:

Received:	02/17/2023	Sampling Date:	02/17/2023
Reported:	02/20/2023	Sampling Type:	Soil
Project Name:	OVATION O PAD HEATER TRATER RELE/	Sampling Condition:	Cool & Intact
Project Number:	NVONM 2301/001	Sample Received By:	Tamara Oldaker
Project Location:	LOVING, NEW MEXICO		

**Sample ID: OPN - EAST WALL - 2 ( 0-3' ) (H230766-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	02/20/2023	ND	400	100	400	7.69	

**Sample ID: OPN - NORTH WALL - 2 ( 0-3' ) (H230766-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	02/20/2023	ND	400	100	400	7.69	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira **BILL TO** ANALYSIS REQUEST

Project Manager: Bryan Haney P.O. #: Direct Bill Novo

Address: 14229 Punta Bonaire Company: Oil and Gas

City: Corpus Christi State: Texas zip: 78412 Attn:

Phone #: 361-658-3126 230160 Fax #: Project Owner: Bryan Haney

Project #: NVONM2204091 Project Name: Novo Ovation O Pad release Healy trough

Project Location: Loving New Mexico He Keen State: Zip:

Sampler Name: O.Gonzalez, S.Waters, J.Gonzalez Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	ST	T	H	S	R	I	D	E	S		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :															
H230746	1 2nd Est well-2 (0-3')	C	1	X								3/1/2023	11:55	X	X	X	X	X	X	X	X	X	X	X
	2 2nd Est well-2 (0-3')	C	1	X								2-17-2023	12:00	X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X
		C		X										X	X	X	X	X	X	X	X	X	X	X

FOR LAB USE ONLY

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Relinquished By: [Signature] Date: 10/5/2023 Received By: [Signature] Date: 10/5/2023

Delivered By: (Circle One) Observed Temp. °C: 1.4 Sample Condition: Cool Intact  Yes  No

Sampler - UPS - Bus - Other: Corrected Temp. °C: 0.8 CHECKED BY: (Initials) [Signature]

Turnaround Time: Standard Rush  Standard  Bacteria (only) Sample Condition: Cool Intact  Yes  No

REMARKS: 24 Hr TAT Vertical Result:  Yes  No Add'l Phone #: All Results are emailed. Please provide Email address: Cardinal cannot accept verbal changes. Please email changes to ceeley.keene@cardinallabsnm.com

**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 200773

**CONDITIONS**

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 200773
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/15/2023