

SITE CHARACTERIZATION AND REMEDIATION PLAN

Prepared For: Devon Energy Production Company, LP 5315 Buena Vista Dr. Carlsbad, NM 88220

Site Information:

Tomcat 8 Federal #001

Incident Number nKL1622549584

Unit P, Section 08, Township 23 South, Range 32 East

Lea County, New Mexico

(32.3143768°, -103.690033°)

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette

<u>SYNOPSIS</u>

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Site Characterization and Remediation Plan (SCRP) detailing soil sampling activities associated with assumed residual impacts to soil due to an inadvertent release of crude oil and produced water at the Tomcat 8 Federal #001 (Site) (**Figure 1** in **Appendix A**). Based on laboratory analytical results, Devon proposes this SCRP, which summarizes initial response efforts and details remediation objectives to rectify environmental impacts.

SITE BACKGROUND

On August 4, 2016, a cow appeared to have damaged a ¹/₄-inch nipple on a flowline that caused approximately 6 barrels (bbls) of produced water to be released onto the well pad. The resulting release area is hereafter referred to as the Area of Concern (AOC). A vacuum truck was immediately dispatched and recovered approximately 5 bbls. Devon immediately notified the New Mexico Oil and Conservation Division (NMOCD) via email on August 4, 2016, and reported the release on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD August 12, 2016, and was assigned Incident Number nKL1622549584. The pad has since been plugged, abandoned, and reclaimed in 2017.

A Characterization Variance Request (CVR) proposing to remediate to Table I depth to groundwater (DTW) standards of 51-100 feet below ground surface (bgs), based on recent, regional DTW data, was submitted by Etech on April 2, 2025, and approved by the NMOCD the same day.

SITE CHARACTERIZATION

As previously described in the CVR, the Site was characterized according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to ground water and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

All potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in **Figure 1A**, **Figure 1B**, and **Figure 1C** in **Appendix A**. All referenced boring well records are included in **Appendix B**.

Based on the CVR previously approved by the NMOCD, the following closure criteria was applied:

| Constituents of Concern (COCs) | Laboratory Analytical Method | Closure Criteria [†] |
|-----------------------------------|---|--|
| Chloride | Environmental Protection Agency (EPA) 300.0 | 10,000 milligram per kilogram (mg/kg) |
| Total Petroleum Hydrocarbon (TPH) | EPA 8015 M/D | 2,500 mg/kg |

Site Characterization and Remediation Plan Tomcat 8 Federal #001 Incident Number nKL1622549584

| TPH-Gasoline Range Organics (GRO) + TPH-Diesel Range Organics (DRO) | EPA 8015 M/D | 1,000 mg/kg |
|--|-----------------|-------------|
| Benzene | EPA 8021B/8260B | 10 mg/kg |
| Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA 8260B/8260B | 50 mg/kg |

[†]The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13

DELINEATION SOIL SAMPLING ACTIVITIES

From March to April 2025, Etech evaluated the Site and mapped the approximate AOC via handheld Global Positioning System (GPS) based on the information provided in the Form C-141. Twelve delineation boreholes (BH01 through BH12) were advanced via hand auger within and around the AOC, which were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples were collected from each delineation soil sampling location, representing the highest observed field screening concentration(s) and the greatest depth. Field screening results and soil observations are included on soil sampling logs in **Appendix C**. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Envirotech, Inc. Laboratories (Envirotech) in Farmington, New Mexico, for analysis of COCs.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil samples surrounding the AOC and assisting with lateral delineation (BH05, BH06 and BH08 through BH12) were compliant with the Site Closure Criteria and/or reclamation standard. Additionally, BTEX concentrations were below the Site Closure Criteria for all delineation soil samples.

Laboratory analytical results for soil samples within the AOC indicated that chloride and TPH concentrations exceed the Site Closure Criteria and/or reclamation standard up to 4 feet bgs. Elevated chloride concentrations were characterized by concentrations ranging from 733 mg/kg to 1,300 mg/kg, and elevated TPH concentrations were characterized by concentrations ranging from 138 mg/kg to 4,960 mg/kg.

Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-ofcustody form and laboratory reports are provided in **Appendix F**.

PROPOSED REMEDIATION WORK PLAN

Based on the delineation soil sampling analytical results, the following conclusions regarding the inadvertent release are presented:

- The horizontal periphery of the AOC has been sufficiently defined, and
- Residual impacts have been identified within the AOC up to 4 feet bgs.

Based on the conclusions drawn above, Devon proposes to the following corrective actions.:

• Excavation(s) will be advanced laterally and vertically until the Site Closure Criteria and/or reclamation standard is met. Based on current delineation soil sampling results, a minimum of 36

Site Characterization and Remediation Plan Tomcat 8 Federal #001 Incident Number nKL1622549584 cubic yards (243 square feet up to 4 feet bgs) will be excavated in proximity to BH01, BH03, and BH07 respectively. The proposed excavation extents may be referenced on **Figure 3** in **Appendix A**.

- Impacted soil will be transported to a nearby landfill facility for disposal under approved Devon waste manifests.
- Following the completion of excavation activities, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls at a frequency not to exceed 200 square feet per soil sample. Confirmation soil samples will be handled and analyzed for COCs by an accredited laboratory as previously described.
- Upon receipt of confirmation soil sample laboratory analytical results indicating compliance with the applicable Site Closure Criteria, Devon will backfill the excavation(s) with clean, locally sourced soil and restored to "as close to its original state as possible". The total disturbed area will be reseeded with the appropriate BLM seed mix according to BLM guidelines.

PROPOSED SCHEDULE

Upon notice of NMOCD approval of this SCRP, Devon will begin the proposed remediation activities as outlined above within 90 days. Devon believes this SCRP meets the requirements set forth in NMAC 19.15.29.13 and to be protective of human health, the environment, and groundwater. As such, Devon respectfully requests to proceed with the proposed remediation outline.

If you have any questions or comments, please do not hesitate to contact Erick Hererra at (432) 305-6416 or <u>erick@etechenv.com</u> or Joseph S. Hernandez at (432) 305-6413 or <u>joseph@etechenv.com</u>. **Appendix G** provides correspondence and email notification receipts associated with the subject release. The approved CVR is provided in **Appendix H**.

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erich

Erick Hererra Project Geologist

Josep Hoh

Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, Devon New Mexico Oil Conservation Division Bureau of Land Management

Appendices:

| Appendix A: | Figure 1: Site Map |
|-------------|--|
| | Figure 1A: Site Characterization Map – Groundwater |
| | Figure 1B: Site Characterization Map – Surficial Receptors |
| | Figure 1C: Site Characterization Map – Subsurface Receptors |
| | Figure 2: Delineation Soil Sample Locations |
| | Figure 3: Proposed Excavation Area |
| Appendix B: | Referenced Well Records |
| Appendix C: | Soil Sampling Logs |
| Appendix D: | Photographic Log |
| Appendix E: | Tables |
| Appendix F: | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix G: | Correspondence & Notifications |
| Appendix H: | Approved Characterization Variance Request |

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APPENDIX A

Figures

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213









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APPENDIX B

Referenced Well Records

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| NC | OSE POD NO. (C-04815 | WELL NO. | DD/ | WELL TAG ID NO |). | OSE FILE NO(S C-4815-POE | | | |
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Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 757440 File Nbr: C 04815 Well File Nbr: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON VERTEX RESOURCE SERVICES INC 3101 BOYD DRIVE CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 03/14/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/14/2025.

If you have any questions, please feel free to contact us.

Sincerely,

Rodolfs Chang

Rodolfo Chavez (575)622-6521

drywell



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

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| laili | ng address: 205 E Bender | Road#150 | | | 1997 | 3 38 | | |
| ty: | Hobbs | | State: | : <u> </u> | <u>.</u> | NM | | Zip code: 88240 |
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| . W | ELL PLUGGING INFO | | | | | | | |
| | Name of well drilling c | ompany that plug | gged well: | Vision Res | sources | | | |
| | New Mexico Well Dril | ler License No.: | 1833 | | <u> 1972</u> | | _ Expira | ation Date: 10-7-25 |
| | | | | | | | | 3): |
| | Jason Maley | s were supervised | 1 by the loll | owing we | n armer | (s)/ng sup | bervisor(s | s) |
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Version: September 8, 2009 Page 1 of 2 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

| Depth (ft bgl) | Plugging <u>Material Used</u> (include any additives used) | Volume of <u>Material Placed</u> (gallons) | Theoretical Volume of Borehole/ Casing (gallons) | Placement <u>Method</u> (tremie pipe, other) | <u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.) |
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For each interval plugged, describe within the following columns:

III. SIGNATURE:

I, Jason Maley , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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| 6. SIGNATURE | 7 | SIGNAT | TURE OF DRILLE | R / PRINT SIGNEE NAME | 3/24/2 DATE | -J |
| FOR | OSE INTER | NAL USE | | WR-20 WEL | L RECORD & LOG (Ve | rsion 09/22/2022) |
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| | CATION A | rio | | WELL TAG ID NO. | | PAGE 2 OF 2 |

Received by OCD: 6/6/2025 10:45:55 AM

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189 File Nbr: C 04712 Well File Nbr: C 04712 POD2

Apr. 04, 2023

VERTEX RESOURCES P.O. BOX 936 ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

If you have any questions, please feel free to contact us.

Sincerely, ompio

Maret Thompson (575)622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| NO | OSE POD NO. POD1 | (WELL NO |) | | WELL TAG ID NO J/A | | , | OSE FILE NO(3 C-04889 PO | | | | |
|---------------------------|---|------------|--------------------|------------------------------------|--|------------|--|-----------------------------|--|-------------------|-----------------|------------------|
| GENERAL AND WELL LOCATION | WELL OWNE Devon Ener | | ction Company, LP | , , | | | | PHONE (OPTIC 575-689-759 | | | | |
| TTC | WELL OWNE | | | | | | | CITY | | STATE | | ZIP |
| WEI | 5315 Buena | a Vista Di | | | | | | Carlsbad | | NM | 88220 | |
| AND | WELL | | DE | GREES 32 | MINUTES 18 | SECON | 96 | * + COUR + OV | REQUIRED ONE TENT | | NOND | |
| RAL | LOCATION (FROM GPS | LITT | TITUDE | 103 | 39 | 50.4 | N | | REQUIRED: ONE TENT QUIRED: WGS 84 | TH OF A SEC | LOND | |
| ENE | | LON | IGITUDE | | | | | S (SECTION TO | WNSHIIP RANGE) WH | ERE AVAIL | ABLE | |
| 1. G | | | Sownship 23S, Rang | | | | iiiiii iiiiiiiiiiiiiiiiiiiiiiiiiiiiiii | 5 (5201101, 10 | | | IDEE | |
| | LICENSE NO. | 100 | NAME OF LICENSED | | n Caash annad | | | | NAME OF WELL DRI | | | |
| | WD1 | | DRILLING ENDED | | n Scarborougl | | POPE HOI | LE DEPTH (FT) | John Sca DEPTH WATER FIRS | rborough I | - | |
| | 10/21/2 | | 10/21/2024 | DEFINOFCOM | 105 | 1) | | 105 | DEFTH WATER FIRE | N/A | TERED (FT) | |
| 7 | COMPLETED | WELL IS: | STATIC WATER LEV | TEL IN COMI N/A | PLETED WE | LL (FT) | | | | | | |
| TIO | DRILLING FL | UID: | ✓ AIR | MUD | ADDITIV | /ES – SPEC | CIFY: | | | | | |
| RMA | DRILLING FLUID: Image: AIR MUD ADDITIVES - SPECIFY: DRILLING METHOD: Image: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: DEPTH (feet bgl) BORE HOLE CASING MATERIAL AND/OR GRADE CASING CASING CASING WALL THICKNESS (include each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen) CASING tinclude each casing string, and note sections of screen CASING tinclude each casing string, and note sections of screen CASING tinclude each casing string, and note sections of screen CASING tinclude each casing string, and tinclude each cas | | | | | | | | | | | |
| INFO | DEPTH (| feet bgl) | BORE HOLE | | ATERIAL ANI | D/OR | CA | SING | CASING | CASING | G WALL | SLOT |
| ING | FROM | ТО | DIAM | (include each casing string, and T | | | | NECTION YPE | INSIDE DIAM. (inches) | | KNESS hes) | SIZE (inches) |
| CAS | 0 | 105 | (inches) 5.00 | | note sections of screen) (add coupling diameter) Soil Boring | | | | (inches) | (inc | nes) | (11101100) |
| NG & | | | | | 0 | | | | | | | |
| ILLIN | | | | | | | | | | | | |
| 2. DR | | | | | | | | | <i>i</i> | | | |
| 0 | | | | | | | | | Teach Teach Street, Start With Start's | | | |
| | | | | | | | | | | 15WEL 14 ou 10 | | |
| | | | | | | | | | ally fand that down fand all | an Flittada 1 | di " diam tuni" | |
| | | | | | | | | | | | | |
| | DEPTH (| feet bgl) | BORE HOLE | LIST | ANNULAR SI | EAL MA | TERIAL A | ND | AMOUNT | | METHO | D OF |
| IAL | FROM | ТО | DIAM. (inches) | | EL PACK SIZE | | | | (cubic feet) | | PLACEM | |
| TERI | | | | | 1 | N/A | 2 | | | | | |
| t MA | | | | | | | | | | | | |
| ANNULAR MATERIAL | | | | | | | | | | | | |
| INNI | | | | | | | | | | | | |
| 3. A | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | $\frac{\text{OSE INTERM}}{\text{E NO.}}$ | NAL USE | 2 | | POD NO | D. 1 | | WR-20 | 0 WELL RECORD & | & LOG (Ve | ersion 04/30 | 0/19) |
| | <u> </u> | | E.15.42 | 1 | | | | WELL TAG II | 100514 | | PAGE | 1 OF 2 |

| | DEPTH (| feet bgl) TO | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | BEA | TER RING? //NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|-------------------------------------|---|---|--|--|--|--|---|
| | | 10 | 10 | Sand with Silt, Red to Medium Brown, Coarse to Very Fine | Y | √N | |
| | 0 | | 10 | Sand with Gravel, Light Brown to Tan, Medium to Coarse with Grave | I Y | √ N | |
| | 10 | 20 | 10 | Gravel with Sand, White to Tan, Small to Large with Medium to Coars | | √ N | |
| | 20 | 30 | 10 | Sand with Gravel, Medium to Light Brown, Coarse to Fine with Grave | | √ N | |
| | 30 | 40 | 10 | Sand with Gravel, Light Brown to Tan, Coarse to Fine with Gravel | Y | √ N | |
| | 40 | 50 | 10 | Silty Sand, Light Brown to Red, Coarse to Very Fine | Y | √ N | |
| TT | 50 | 60 | 10 | Inter-bedded Sandstone and Sand, Medium Brown, Medium to Coars | e Y | √ N | anden fan de sense ander en |
| WE | 60 | 70 | | Claycy Sand, Dark to Medium Brown, Medium to Fine Grained | Y | √ N | |
| 40.5 | 70 | 80 | 10 | Clayey Sand, Dark to Medium Brown, Medium to Fine Grained | Y | √ N | |
| FOC | 80 | 90 | 10 | Clayey Sand, Dark Red to Medium Brown, Medium to Fine Grained | Y | √ N | |
| CIC | 90 | 100 | 10 | | Y | √ N | |
| FO | 100 | 105 | 5 | Silty Sand, Light Brown to Tan, Coarse to Fine Grained | Y | √ N | |
| HYDROGEOLOGIC LOG OF WELL | 105 | 105 | 0 | Silty Sand, Tan to Green, Coarse to Fine Grained | Y | N | |
| RO | | | | | Y | N | |
| НУГ | | | | | | N | |
| 4. | | | | | | N | |
| | | | | | | N | |
| | | | | | Y | | |
| | | | | | Y | N | |
| | | | | | Y | N | |
| | | - W. 2. C | | | Y | N | |
| | | | | | Y | N | |
| | METHODU | SED TO ES | TIMATE YIELE | OF WATER-BEARING STRATA: | TOTAL EST | | |
| | PUM | | | BAILER OTHER - SPECIFY: | WELL YIEI | .D (gpm): | 0.00 |
| | WELL TES | | | ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV | CLUDING DIS ER THE TEST | CHARGE | METHOD, OD. |
| z | | | and a state of the | | | | |
| ; RIG SUPERVISION | | | be | 16 D | II ROSWE EC '24 AM | ace. 10:29 | |
| EST; RIG SUPERVISION | | | be | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs t | II ROSWE EC '24 AM | ace. 10:29 | |
| TEST; RIG SUPERVISI | PRINT NAM | IE(S) OF DI | be | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs t OSE D 16 D | II ROSWE EC '24 AM | ace. 10:29 | |
| TEST; RIG SUPERVISI | PRINT NAM Scott Scarbo | IE(S) OF DE rough | be RILL RIG SUPE | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs f OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL COM | II ROSWE EC '24 AM | A TRUE | HAN LICENS |
| S. TEST; RIG SUPERVISI | PRINT NAM Scott Scarbo BY SIGNING | IE(S) OF DF rough G BELOW, | RILL RIG SUPER | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs f OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON NAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FO D WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HA WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP | VII ROSWE EC '24 AM | A TRUE TALLED A | HAN LICENS AND CORRE AND THAT TH LLING. |
| TEST; RIG SUPERVISI | PRINT NAM Scott Scarbo BY SIGNING | IE(S) OF DE prough G BELOW, THE ABO IRD WILL A | RILL RIG SUPER | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs f OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON NAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOR D WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HA WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP CALL OF A COMPANY OF | VII ROSWE EC '24 AM INSTRUCTION REGOING IS AS BEEN INS' LETION OF V | A TRUE TALLED A VELL DRU DATE | HAN LICENS AND CORRE AND THAT TH LLING. , L |
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| 6. SIGNATURE 5. TEST; RIG SUPERVISI | PRINT NAM Scott Scarbo By SIGNING RECORD OF WELL RECO | IE(S) OF DE rough G BELOW, THE ABO RD WILL A SIGNATU | I CERTIFY TH VE DESCRIBED ALSO BE FILED | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs t OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON NAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOR WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HA WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP CALL OF A COMPANY OF A | VII ROSWE EC '24 AM INSTRUCTION REGOING IS AS BEEN INS' LETION OF V | A TRUE TALLED A VELL DRU DATE | HAN LICENS AND CORRE AND THAT TH LLING. , L |
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(R=POD has



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

(A CLW#### in the POD suffix indicates

| the POD has been replaced & no longer serves a water | been replaced, O=orphaned, C=the file is | | | (quart smalle | ers are | | | | | | | | | | | |
|---|---|--------------|----------|------------------|----------|----------|----------|------------|-------|----------|--------------------------|-----|--------------|---------------|-----------|-----------------|
| right file.) | closed) | | | larges | | | | | | | | | (meters) | | (In feet) | |
| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | x | Y | Мар | Distance | Well Depth | | Water Column |
| <u>C 04815 POD1</u> | | CUB | LE | NW | SE | SW | 08 | 23S | 32E | 622391.9 | 3576025.7 | • | 922 | 55 | | |
| <u>C 04712 POD2</u> | | CUB | LE | SE | SE | SE | 17 | 23S | 32E | 623331.9 | 3574331.5 | • | 1704 | 55 | | |
| <u>C 04889 POD1</u> | | CUB | LE | SE | NE | NW | 15 | 23S | 32E | 625771.5 | 3575426.3 | ۲ | 2532 | 105 | | |
| <u>C 04862 POD1</u> | | CUB | LE | NE | NW | NW | 04 | 23S | 32E | 623697.0 | 3578798.5 | ۲ | 2788 | 105 | 78 | 27 |
| <u>C 02349</u> | | CUB | ED | SE | NE | SW | 03 | 23S | 32E | 625677.9 | 3578003.4 | ٩ | 3075 | 525 | | |
| <u>C 02216</u> | | CUB | LE | NE | NE | SE | 21 | 23S | 32E | 625035.0 | 3573261.0 * | 0 | 3265 | 585 | 400 | 185 |
| <u>C 03851 POD1</u> | | CUB | LE | SW | SW | SE | 20 | 23S | 32E | 622879.6 | 3572660.0 | ٢ | 3403 | 1392 | 713 | 679 |
| <u>C 04704 POD1</u> | | CUB | ED | SW | NE | NE | 13 | 23S | 31E | 619854.4 | 3575363.5 | ۲ | 3524 | | | |
| <u>C 04807 POD1</u> | | CUB | LE | NW | NE | NW | 11 | 23S | 32E | 627099.7 | 3577375.0 | ٩ | 4015 | 105 | | |
| <u>C 04712 POD3</u> | | CUB | ED | SE | NW | NE | 24 | 23S | 31E | 619650.7 | 3573877.9 | ۲ | 4251 | 55 | | |
| <u>C 04726 POD1</u> | | CUB | ED | NW | NW | SE | 01 | 23S | 31E | 619538.3 | 3578821.3 | ۲ | 4691 | | | |
| <u>C 04877 POD1</u> | | CUB | LE | SE | NW | NW | 30 | 23S | 32E | 620404.8 | 3572240.0 | 0 | 4782 | 105 | | |
| <u>C 04663 POD1</u> | | CUB | LE | SW | NW | NE | 31 | 22S | 32E | 621181.3 | 3580341.4 | ۲ | 4804 | 110 | | |
| <u>C 03529 POD1</u> | | С | LE | NE | SE | SW | 29 | 23S | 32E | 622651.2 | 3571212.5 | ٩ | 4868 | 550 | | |
| <u>C 04774 POD1</u> | | CUB | ED | SE | NE | NE | 23 | 23S | 31E | 618456.0 | 3573856.4 | ۲ | 5324 | 105 | | |
| <u>C 04598 POD1</u> | | CUB | LE | NE | SW | NW | 29 | 22S | 32E | 622069.2 | 3581570.2 | 0 | 5672 | 56 | | |
| <u>C 04780 POD1</u> | | CUB | LE | NW | SW | NW | 34 | 23S | 32E | 625363.6 | 3570521.7 | 0 | 5882 | 80 | | |
| <u>C 04855 POD1</u> | | CUB | ED | NE | SW | SW | 11 | 23S | 31E | | 3575936.7 | ۲ | 5897 | 105 | | |
| <u>C 04712 POD4</u> | | CUB | ED | NW | SE | SW | 14 | | 31E | | 3574316.2 | 0 | 6029 | 55 | | |
| <u>C 04712 POD1</u> | | CUB | LE | NW | SE | NW | | 23S | 32E | | 3570289.2 | 0 | 6226 | 55 | | |
| <u>C 02777</u> | | CUB | ED | SE | SE | SE | 10 | | 31E | | 3575662.1 | ٩ | 6351 | 890 | | |
| <u>C 03749 POD1</u> | | CUB | ED | | NE | NE | 15 | 23S | 31E | | 3575662.1 | ٢ | 6351 | 865 | 639 | 226 |
| <u>C 04790 POD1</u> | | CUB | ED | SE | SE | SW | 25 | 23S | 31E | | 3570904.8 | 0 | 6508 | 55 | | |
| <u>C 02258</u> | | С | ED | | SW | NE | 26 | 23S | 31E | | 3571853.0 * | • | 6719 | 662 | | |
| <u>C 02756</u> | | CUB | ED | SW | SE | SE | 26 | | 31E | | | • | 6821 | 1998 | | |
| <u>C 03152</u> | | CUB | ED | SW | SE | SE | 26 | | 31E | | 3580606.0 * | | 6821 | 938 | 200 | 000 |
| <u>C 03555 POD1</u> | | C | LE | NE | NE | NW | | 24S | | | 3569233.6 | • | 6825 | 600 | 380 | 220 |
| <u>C 04837 POD1</u> | | CUB | LE | SE | NW | | 19 26 | 22S | | | 3582655.6 | • | 6911 7525 | 80 | 420 | 270 |
| <u>C 02348</u> | | C C | ED LE | NW | SE SW | SW NW | | 23S | | | 3571068.0 3583042.0 * | • | 7535 | 700 | 430 | 270 |
| <u>C 02939</u> <u>C 03138</u> | | CUB | ED | SW SW | SW | SW | | 22S 22S | | | 3580591.0 * | | 7653 7750 | 280 750 | | |
| <u>C 03136</u> C 04746 POD1 | | CUB | ED | SW | SE | SW | | 223 23S | | | 3569417.8 | • | 7779 | 105 | | |
| | | | | | SE | | 30 17 | 235 22S | | | 3583785.0 | • | 7803 | 55 | | |
| <u>C 04907 POD1</u> <u>C 02773</u> | | CUB CUB | LA ED | SW SE | NW | SE SW | | 225 23S | | | 3577762.0 * | | 7838 | 35 880 | | |
| <u>C 02775</u> C 04709 POD1 | | CUB | ED | SE | | NW | | 235 235 | | | 3575262.4 | • | 7843 | 000 | | |
| <u>C 02275</u> | | CUB | LE | SW | SW | NE | | 235 23S | | | 3573557.0 * | | 7926 | 650 | 400 | 250 |
| <u>C 02275</u> C 03527 POD1 | | C | LE | NW | NE | | 03 | 233 24S | | | 3568487.2 | • | 7938 | 500 | 100 | 100 |
| <u>C 04740 POD1</u> | | CUB | ED | SW | SE | | 23 | 243 22S | | | 3582299.2 | • | 8005 | 110 | | |
| | | 000 | | 0 11 | υц | ندں | 20 | 440 | | 01002/.0 | 3002233.2 | - | 3003 | 110 | | |

March 12, 2025 01:25 PM MST

Maximum Depth: 713 feet

Record Count: 38

Basin/County Search: Basin: C

UTM Filters (in meters): Easting: 623314 Northing: 3576036 Radius: 8047

* UTM location was derived from PLSS - see Help

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

APPENDIX C

Soil Sampling Logs

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





| | | | | | | | | | Sample Name: BH02 | Date: 03/12/2025 |
|---------------------|-------------------|-------------|------|-----------------|------------|--------------|---------------|--------------------------------|--|---|
| | (| | | | | | | | Site Name: Tomcat 8 Federal #001 | |
| | | 7 | | | \sim | | | Incident Number: nKL1622549584 | | |
| | | | | | | | | | Job Number: 19305 | |
| | | | IC / | SOIL | SAMP | | | 1 | Logged By: HB | Method: Hand Auger |
| | ordinates | | | | | <u> </u> | | | Hole Diameter: 3.75 inches | Total Depth: 4 feet |
| | | | | | | HAC | H Chlorid | e Test St | rips and PID for chloride and va | - |
| | ed with ? | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | | | | | | | | escriptions/Notes |
| | | | | 5 | | 4 | · | SM | (0-0.5) SAND, dry, brown, p | |
| Dry | <116 | 5.7 | No | BH02 | 0.5 | + | 0.5 | | very fine to fine grain, no co no stain, no odor. | hesiveness, trace organic, |
| Dry | <116 | 0.4 | No | BH02 | 1 | + | . 1 | | | well graded with silt, very fine to |
| | | 0.7 | | 51102 | | + | - ' | | coarse grain, no cohesivene | |
| | | | | | | Ť | | | 0 | |
| _ | | | | | _ | Ţ | | | | |
| Dry | <116 | 0.4 | No | BH02 | 2 | + | _ 2 | | | |
| | | | | | | + | | 5P-5M | (2-4') SAND, dry, tan, poorly | y graded with slit, very fine nesiveness, no stain, no odor. |
| | | | | | | + | - | | to fille grain, increase in cor | lesiveness, no stain, no odor. |
| Dry | <116 | 0.4 | No | BH02 | 3 | t | . 3 | | | |
| | | | | | | Ť | - | | | |
| | | | | | | \downarrow | _ | | | |
| | -110 | 0.0 | Na | | 4 | + | . , | | | |
| Dry | <116 | 0.3 | INO | BH02 | 4 | | 4 | Tota | Depth | |
| | | | | | | | | Tota | Depth | |
| | $\overline{\ }$ | | | | | | | | | |
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| | | \frown | - | | <u> </u> | | _ | | Sample Name: BH03 Date: 03/12/2025 | |
|---|----------|----------|----|------|----------|-------------|-------------|---|--|--|
| | | | | | | | | | Site Name: Tomcat 8 Federal #001 | |
| | | | | | | | | | Incident Number: nKL1622549584 | |
| | | | | | | | | | Job Number: 19305 | |
| | | | | | | LI | NG LOO | j | Logged By: HB Method: Hand Auger | |
| | ordinate | | | | | | | | Hole Diameter: 3.75 inches Total Depth: 4 feet | |
| | | | | | | | | le Test S | Strips and PID for chloride and vapor, respectively. Chloride test | |
| Moisture Content Chloride Chlo | | | | | | | <u> </u> | | Lithologic Descriptions/Notes | |
| Dry | <116 | 0.4 | No | BH03 | 0.5 | | 0.5 | CCHE | (0-2') CALICHE, dry, tan, well graded with silt, very fine to coarse grain, no cohesiveness, trace organic, no stain, no odor. | |
| Dry | 140 | 1.1 | No | BH03 | 1 | | 1 | | | |
| Dry Dry | | | | | | - - - | SP-SM | (2-4') SAND, dry, tan, poorly graded with silt, very fine to fine grain, increase in cohesiveness, no stain, no odor. @ 3' Color change to brown. | | |
| Dry | 1,416 | 0.8 | No | BH03 | 4 | | - - 4 | | otal Depth | |
| | | | | | | | | | | |

| r | | | | | | | | | D. / |
|---------------------|---|-----|-----|------|----------|---------------------|--------------------------------|--|--|
| | | | | | <u> </u> | _ | | Sample Name: BH04 Date: 03/12/2025 | |
| | 7 | | | | \sim | | | Site Name: Tomcat 8 Federal #001 | |
| | | | | | DF | | Incident Number: nKL1622549584 | | |
| | | | | | | | <u> </u> | Job Number: 19305 | |
| | | | | | | ING LOC | 2 | Logged By: HB | Method: Hand Auger |
| | ordinates | | | | | | - Teet 04 | Hole Diameter: 3.75 inches | Total Depth: 4 feet |
| | | | | | | | | rips and PID for chloride and va | por, respectively. Chionde test |
| Moisture Content | Moisture Content Content Content Content Chloride Chlorid | | | | | Depth (feet bgs) | | | escriptions/Notes |
| Dry | <116 | 0.8 | No | BH04 | 0.5 | 0.5 | SM | (0-4') SAND, dry, tan, poorly to fine grain, no cohesivene | y graded with silt, very fine ss, trace organic, no stain, no odor. |
| | _ | | | | | <u>t</u> | | | |
| Dry | <116 | 0.8 | No | BH04 | 1 _ | T1 | | | |
| Dry | | | | | | - - 2 - | | @ 2' Increase in cohesivene | ess from none to low. |
| Dry | 412 | 0.4 | No | BH04 | 3 | | | | |
| Dry | 412 | 0.5 | No | BH04 | 4 | 4 | | | |
| | 112 | 0.0 | 110 | BHOT | | | Tota | al Depth | |
| | | | | | | | | | |

| | | | | Sample Name: BH05 | Date: 03/12/2025 | | |
|--|----------|--|-----------------------------------|------------------------------------|--|--|--|
| | | | | Site Name: Tomcat 8 Federal #001 | | | |
| | | \sim L | | Incident Number: nKL1622549584 | | | |
| | | | | Job Number: 19305 | | | |
| LITHOLOG | C / SOIL | SAMPLING | LOG | Logged By: HB | Method: Hand Auger | | |
| Site Coordinates: 32.31 | | | | Hole Diameter: 3.75 inches | Total Depth: 1 foot | | |
| | | | nloride Test St | rips and PID for chloride and va | por, respectively. Chloride test performed | | |
| Moisture Content Chloride (ppm) Vapor (ppm) | | Sample Depth (feet bgs) Depth | (feet bgs) USCS/Rock Symbol | Lithologic | Descriptions/Notes | | |
| | | 0.5 + 0 | | (0-0.5') SAND, dry, brown, p | | | |
| Dry <116 0.3 | No BH05 | 0.5 _ 0 |).5 CCHE | line to line grain, no conesiv | eness, trace organic, no stain, no odor. | | |
| Dry <116 0.5 | No BH05 | | 1 | (0.5-1') CALICHE. drv. tan. \ | well graded with silt, very fine to | | |
| | | | | coarse grain, no cohesivene | | | |
| \searrow | | | Т | otal Depth | | | |
| | | | | | | | |

| | | Sample Name: DLIOG | Date: 03/12/2025 | | |
|---|---------------------------------------|-----------------------------|---|--|--|
| | | Sample Name: BH06 | Sample Name: Droco Date: 03/12/2023 | | |
| | | Incident Number: nKL1622549 | | | |
| | | Job Number: 19305 | | | |
| | OIL SAMPLING LOG | Logged By: HB | Method: Hand Auger | | |
| Site Coordinates: 32.314485, - | | Hole Diameter: 3.75 inches | Total Depth: 1 foot | | |
| | | | apor, respectively. Chloride test performed | | |
| with 1:4 dilution factor of soil to | | · | | | |
| Moisture Content Chloride (ppm) Vapor (ppm) Staining | <i>o</i> , <i>o o o o o o o o o o</i> | S | c Descriptions/Notes | | |
| Dry <116 0.4 No B | 3H06 0.5 _ 0.5 SI | | oorly graded with silt, very veness, trace organic, no stain, no odor. | | |
| Dry <116 0.3 No B | | | | | |
| | | Total Depth | | | |
| | | | | | |

| | | | | | | | | Sample Name: BH07 | Date: 03/12/2025, 04/24/2025 |
|---------------------|---------------------------|-----------|--------|------------|---------------------|-----------|-----------------------------------|--|--|
| | | | | | | | | Sample Name: Drucz 8 Federal #001 | |
| | | 5 | | | | | | Incident Number: nKL16225495 | |
| | | | | | | | | Job Number: 19305 | - |
| | LITHO | LOG | C/ | SOIL | SAMPL | | } | Logged By: HB | Method: Hand Auger |
| - | ordinates | | | | | | - | Hole Diameter: 3.75 inches | Total Depth: 4 feet |
| Comme | ents: Fiel | d scree | ning | conducte | ed with HA | | e Test St | rips and PID for chloride and vap | - |
| perforn | ned with ? | 1:4 dilut | ion fa | actor of s | soil to distill | ed water. | 1 | 1 | |
| Moisture Content | | | | | Depth (feet bgs) | | | escriptions/Notes | |
| Dry | 296 | 0.4 | No | BH07 | 0.5 | 0.5 | CCHE SP- | | vell graded with silt, very fine to ss, trace organic, no stain, no odor. |
| Dry | 196 | 0.5 | No | BH07 | 1 | | | (0.5-1') SAND, dry, brown, p fine to fine grain, no cohesiv | |
| Dry | 548 | 1.2 | No | BH07 | 2 | 2 | | @ 2' Color change to reddisl | h brown. |
| Dry | Dry 836 0.8 No BH07 3 1 3 | | | | 3 | | @ 3' Increase in cohessiven silt. | ess from none to low, increase in | |
| Dry | 908 | 0.8 | No | BH07 | 4 | 4 | , | @ 4' Decrease in silt. al Depth | |
| | | | | | | | | | |

| | | | | Sample Name: BH08 | Date: 03/12/2025 | | |
|---|-----------------------|-------------------------------|-----------------------------------|--|---|--|--|
| (\bigtriangleup) | | | | Sample Name: BH08 Site Name: Tomcat 8 Federal # | | | |
| | | \sim | | Incident Number: nKL1622549584 | | | |
| | | | | Job Number: 19305 | | | |
| LITHOLOGI | C/SOIL S | | GLOG | Logged By: HB | Method: Hand Auger | | |
| Site Coordinates: 32.314 | | | | Hole Diameter: 3.75 inches | Total Depth: 1 foot | | |
| | | | | | por, respectively. Chloride test performed | | |
| with 1:4 dilution factor of | | | | | | | |
| Moisture Content Chloride (ppm) Vapor (ppm) | Staining Sample ID | Sample Depth (feet bgs) | (feet bgs) USCS/Rock Symbol | | Descriptions/Notes | | |
| Dry 228 0.3 | No BH08 | 0.5 | 0.5 SM | (0-1') SAND, dry, brown, poo fine to fine grain, no cohesiv | orly graded with silt, very ⁄eness, trace organic, no stain, no odor | | |
| Dry 196 0.4 | No BH08 | 1 | 1 | | | | |
| | | · I | | otal Depth | | | |
| | | | | | | | |

| | | | | | | Commis Nerve DU00 | D-to: 02/42/2025 |
|--|-------------------------|------------------------------|---------------------|---------------------|---------------------|---|---|
| | | _ | _ | | | Sample Name: BH09 | Date: 03/12/2025 |
| | | | | | | Site Name: Tomcat 8 Federal #001 | |
| | | | | | | Incident Number: nKL16225495 | 84 |
| | | | | | | Job Number: 19305 | |
| LITHOL | | | | NG LOO | ذ | Logged By: HB | Method: Hand Auger |
| Site Coordinates: | | | | | | Hole Diameter: 3.75 inches | Total Depth: 1 foot |
| with 1:4 dilution fac | ctor of soil t | onducted w to distilled w | th HAC | Chlorid | 1 | rips and PID for chloride and vap | oor, respectively. Chloride test performed |
| Moisture Content Chloride (ppm) | Vapor (ppm) Staining | Sample ID Sample | Depth (feet bgs) | Depth (feet bgs) | USCS/Rock Symbol | Lithologic | Descriptions/Notes |
| Dry <116 (| 0.8 No | вно9 0 | .5 | - 0.5 | | (0-1') SAND, dry, brown, poo fine to fine grain, no cohesive | orly graded with silt, very eness, trace organic, no stain, no odor. |
| | 0.7 No | BH09 | , | 1 | | | |
| Dry <116 (| סארן ז.ט | 6009 | 1 | I | <u>і</u> т | l otal Depth | |
| | | | | | | | |

| | | | | | | | Sample Name: BH10 | Date: 04/24/2025 | |
|--|---|-------|----------|-------|--------|------|--|---|--|
| | | | | | | | Site Name: Tomcat 8 Federal # | | |
| | 5 | | | | | | Incident Number: nKL1622549584 | | |
| | | | | | | | Job Number: 19305 | | |
| LITHC | LOGI | C / S | SOIL | SAMPI | LING L | OG | Logged By: HB | Method: Hand Auger | |
| Site Coordinate | s: 32.314 | 429 | , -103.6 | 90006 | | | Hole Diameter: 3.75 inches | Total Depth: 1 foot | |
| | | | | | | | rips and PID for chloride and var | oor, respectively. Chloride test | |
| Moisture Content Chloride (ppm) | Content Chloride Chlo | | | | | | Lithologic De | scriptions/Notes | |
| Dry 228 | 0.5 | No | BH10 | 0.5 | 0.8 | 5 SM | (0-1') SAND, dry, reddish bro silt, very fine to fine grain, no no stain, no odor. | own, poorly graded with o cohesiveness, trace organic, | |
| Dry 140 | 0.4 | No | BH10 | 1 | † 1 | | no stain, no odor. | | |
| | | | 2.110 | | | | I Depth | | |
| | | | | | | | | | |
•

| | | | | | Commis Nemer DI 144 | Dete: 04/04/0005 | | | |
|---|-----------------------|-------------------------------|---------------------|---------------------|---|-------------------------------------|--|--|--|
| (\bigtriangleup) | | | - | | Sample Name: BH11 | Date: 04/24/2025 | | | |
| | | | | | Site Name: Tomcat 8 Federal #001 | | | | |
| | | | | | Incident Number: nKL1622549584 Job Number: 19305 | | | | |
| LITHOLOG | | | | <u>`</u> | | | | | |
| | | | | 7 | | Method: Hand Auger | | | |
| Site Coordinates: 32.31 | | | | Toet St | Hole Diameter: 3.75 inches rips and PID for chloride and vap | Total Depth: 1 foot | | | |
| performed with 1:4 dilut | | | | 5 1631 01 | nps and the for chieffee and vap | or, respectively. Onlonde lest | | | |
| Moisture Content Chloride (ppm) Vapor (ppm) | Staining Sample ID | Sample Depth (feet bgs) | Depth (feet bgs) | USCS/Rock Symbol | | escriptions/Notes | | | |
| | | | - 05 | SM | (0-1') SAND, dry, reddish bro | | | | |
| Dry 228 0.0 No BH11 0.5 0.5 | | | | | siit, very fine to fine grain, no no stain, no odor. | cohesiveness, trace organic, | | | |
| Dry 228 0.0 | No BH11 | 1 | - 1 | | | annish brown, fine to coarse grain, | | | |
| | | | | | no cohesiveness, no organic, no stain, no odor. | | | | |
| | | | | Tota | al Depth | | | | |
| | | | | | | | | | |

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| | | | Sample Name: BH12 | Date: 04/24/2025 | | | |
|--|--|---------------------|---|-------------------------------------|--|--|--|
| (\bigtriangleup) | | | Sample Name: BH12 Site Name: Tomcat 8 Federal #0 | | | | |
| | | | Incident Number: nKL16225495 | | | | |
| | | | Job Number: 19305 | | | | |
| | C / SOIL SAMPLING LO | G | Logged By: HB Method: Hand Auger | | | | |
| Site Coordinates: 32.3144 | | G | Hole Diameter: 3.75 inches | Total Depth: 1 foot | | | |
| | ng conducted with HACH Chloric | de Test St | | - | | | |
| | in factor of soil to distilled water. | | | | | | |
| Moisture Content Chloride (ppm) Vapor (ppm) | Sample ID Sample ID Sample Depth (feet bgs) Depth (feet bgs) | USCS/Rock Symbol | | escriptions/Notes | | | |
| | | | (0-1') SAND, dry, reddish bro | | | | |
| Dry <116 0.2 N | No BH12 0.5 0.5 | | no stain, no odor. | cohesiveness, trace organic, | | | |
| Dry 228 0.0 N | No BH12 1 1 1 | | | annish brown, fine to coarse grain, | | | |
| | | | no organic, no stain, no odor | | | | |
| | · · · | Tota | al Depth | | | | |
| | | | | | | | |

APPENDIX D

Photographic Log

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





APPENDIX E

Tables

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



| E TEC | Table 1 SOIL SAMPLE ANALYTICAL RESULTS Devon Energy Production Co. LP Tomcat 8 Federal #001 Lea County, New Mexico | | | | | | | | | |
|--|--|----------------------------|--------------------|-----------------------|------------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | DRO+GRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table I Closure (NMAC 19.15.29) | e Criteria for Soils Impa | acted by a Release | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| | | | | Delineation Soil | Samples - Incident Nur | mber nKL1622549584 | | | | |
| BH01 | 03/11/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 498^{\dagger} |
| BH01 | 03/11/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 490^{\dagger} |
| BH01 | 03/11/2025 | 2 | <0.0250 | <0.0500 | <20.0 | 2,270 | 2,690 | 2,270 | 4,960 | 456^{\dagger} |
| BH01 | 03/11/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,300 [†] |
| BH01 | 03/11/2025 | 4 | <0.0250 | <0.0500 | <20.0 | 43.0 | 196 | 43.0 | 239 | 1,860 |
| BH02 | 03/12/2025 | 0.5 | <0.0250 | 0.0432 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 29.6 [†] |
| BH02 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 25.9 | <50.0 | 25.9 | <50.0 | <20.0 [†] |
| BH02 | 03/12/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH02 | 03/12/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH02 | 03/12/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 94.7 |
| BH03 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 42.6 | <50.0 | 42.6 | <50.0 | 191 [†] |
| BH03 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 333^{\dagger} |
| BH03 | 03/12/2025 | 2 | <0.0250 | <0.0500 | <20.0 | 138 | 222 | 138 | 360 | 495^{\dagger} |
| BH03 | 03/12/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 733^{\dagger} |
| BH03 | 03/12/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,260 |
| BH04 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH04 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 35.0^{\dagger} |
| BH04 | 03/12/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 38.0^{\dagger} |
| BH04 | 03/12/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 305^{\dagger} |
| BH04 | 03/12/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 449 |
| BH05 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH05 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH06 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH06 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 ⁺ |

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| E TEC | H | Table 1 SOIL SAMPLE ANALYTICAL RESULTS Devon Energy Production Co. LP Tomcat 8 Federal #001 Lea County, New Mexico | | | | | | | | |
|--|---------------------------|--|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D. | Sample Date | Sample Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | DRO+GRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
| NMOCD Table I Closure (NMAC 19.15.29) | e Criteria for Soils Impa | acted by a Release | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| BH07 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 ⁺ |
| BH07 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 44.9 | 93.3 | 44.9 | 138 | 278 [†] |
| BH07 | 04/24/2025 | 2 | <0.0250 | <0.0500 | <20.0 | 408 | 825 | 1,230 | 1,230 | 551^{\dagger} |
| BH07 | 04/24/2025 | 3 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 915 [†] |
| BH07 | 04/24/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 533 |
| BH08 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 232^{\dagger} |
| BH08 | 03/12/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 252 [†] |
| BH09 | 03/12/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 347 [†] |
| BH09 | 03/12/2025 | 1 | <0.0250 | 0.0371 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 [†] |
| BH10 | 04/24/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 254 [†] |
| BH10 | 04/24/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 120 [†] |
| BH11 | 04/24/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 192 [†] |
| BH11 | 04/24/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 259 [†] |
| BH12 | 04/24/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 60.4^{\dagger} |
| BH12 | 04/24/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 29.0 | <50.0 | 29.0 | 29.0 | 308^{\dagger} |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics ORO: Oil Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey " represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] for Soils Impacted by a Release

[†] The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503077

Job Number: 01058-0007

Received: 3/13/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 3/17/25

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

Date Reported: 3/17/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503077 Date Received: 3/13/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/13/2025 8:00:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com







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| Received by OCD: 6/6/2025 10:45:55 AM | | | Page | 48 of 222 |
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| | Sample Sum | mary | | |
| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | Reported: | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reporteu: | |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/17/25 13:14 | |

| Client Sample ID | Lab Sample ID Matrix | Sampled | Received | Container |
|------------------|----------------------|----------|----------|------------------|
| BH01 0.5' | E503077-01A Soil | 03/11/25 | 03/13/25 | Glass Jar, 2 oz. |
| BH01 1' | E503077-02A Soil | 03/11/25 | 03/13/25 | Glass Jar, 2 oz. |
| BH01 2' | E503077-03A Soil | 03/11/25 | 03/13/25 | Glass Jar, 2 oz. |
| BH01 4' | E503077-04A Soil | 03/11/25 | 03/13/25 | Glass Jar, 2 oz. |



| | 58 | imple D | ata | | | |
|---|--|------------|-----------------------------------|-------------|----------|---|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Project Numbe Project Manage | er: 0103 | /ICAT 8 FED 58-0007 a Byers | DERAL #001 | | Reported: 3/17/2025 1:14:10PM |
| | | BH01 0.5' | | | | |
| |] | E503077-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2511047 |
| Benzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| foluene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/13/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2511047 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.7 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | nalyst: KH | | Batch: 2511049 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/13/25 | 03/13/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/13/25 | 03/13/25 | |
| Surrogate: n-Nonane | | 92.5 % | 61-141 | 03/13/25 | 03/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | nalyst: AK | | Batch: 2511058 |
| Chloride | 498 | 20.0 | 1 | 03/13/25 | 03/13/25 | |



| | a | bample D | ala | | | |
|--|-----------------------------|------------|-----------------------|---------------------|----------|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | Project Name Project Num | | MCAT 8 FEE 58-0007 | DERAL #001 | | Reported: |
| Artesia NM, 88210 | Project Mana | | a Byers | 3/17/2025 1:14:10PM | | |
| | | BH01 1' | | | | |
| | | E503077-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | ion Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2511047 |
| Benzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/13/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 99.9 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2511047 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/13/25 | 03/14/25 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 90.1 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | nalyst: KH | | Batch: 2511049 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/13/25 | 03/13/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/13/25 | 03/13/25 | |
| urrogate: n-Nonane | | 101 % | 61-141 | 03/13/25 | 03/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | nalyst: AK | | Batch: 2511058 |
| Chloride | 490 | 20.0 | 1 | 03/13/25 | 03/13/25 | |
| | | | | | | |



| | 0 | ampic D | ala | | | |
|--|------------------------------|------------|------------------------|---------------------|----------|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | Project Name Project Numb | | 4CAT 8 FEDE 58-0007 | RAL #001 | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | 3/17/2025 1:14:10PM | | |
| | | BH01 2' | | | | |
| | | E503077-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2511047 |
| Benzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| oluene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/13/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2511047 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.4 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: KH | | Batch: 2511049 |
| Diesel Range Organics (C10-C28) | 2270 | 25.0 | 1 | 03/13/25 | 03/13/25 | |
| Dil Range Organics (C28-C36) | 2690 | 50.0 | 1 | 03/13/25 | 03/13/25 | |
| Surrogate: n-Nonane | | 94.8 % | 61-141 | 03/13/25 | 03/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | alyst: AK | | Batch: 2511058 |
| Chloride | 456 | 20.0 | 1 | 03/13/25 | 03/13/25 | |
| | | | | | | |



| | 5 | ample D | ala | | | |
|--|-------------------------------|------------|------------------------|---------------------|----------|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | Project Name: Project Numb | | MCAT 8 FEDE 58-0007 | ERAL #001 | | Reported: |
| Artesia NM, 88210 | Project Manag | | a Byers | 3/17/2025 1:14:10PM | | |
| | | BH01 4' | | | | |
| | | E503077-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | An | alyst: BA | | Batch: 2511047 |
| Benzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Foluene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/13/25 | 03/14/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: BA | | Batch: 2511047 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/13/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.2 % | 70-130 | 03/13/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: KH | | Batch: 2511049 |
| Diesel Range Organics (C10-C28) | 43.0 | 25.0 | 1 | 03/13/25 | 03/13/25 | |
| Oil Range Organics (C28-C36) | 196 | 50.0 | 1 | 03/13/25 | 03/13/25 | |
| Surrogate: n-Nonane | | 98.2 % | 61-141 | 03/13/25 | 03/13/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: AK | | Batch: 2511058 |
| Chloride | 1860 | 20.0 | 1 | 03/13/25 | 03/13/25 | |
| | | | | | | |



QC Summary Data

| Analyte Blank (2511047-BLK1) Benzene Ethylbenzene Toluene | Result mg/kg ND ND ND | Volatile O Reporting Limit mg/kg 0.0250 0.0250 | rganics b Spike Level mg/kg | y EPA 802 Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Analyst: BA Notes |
|---|-----------------------------------|---|--------------------------------------|--|----------|--------------------|--------------|-------------------|----------------------|
| Blank (2511047-BLK1) Benzene Ethylbenzene | mg/kg ND ND ND | Limit mg/kg 0.0250 0.0250 | Level | Result | | Limits % | % | Limit % | |
| Benzene Ethylbenzene | ND ND ND | 0.0250 0.0250 | mg/kg | mg/kg | % | | | | |
| Benzene Ethylbenzene | ND ND | 0.0250 | | | | | D 1.0 | 2/12/25 | |
| Ethylbenzene | ND ND | 0.0250 | | | | | Prepared: 0. | 3/13/25 A | nalyzed: 03/13/25 |
| • | ND | | | | | | | | |
| Foluene | | | | | | | | | |
| Toruche | | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.15 | | 8.00 | | 102 | 70-130 | | | |
| LCS (2511047-BS1) | | | | | | | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Benzene | 5.22 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| Ethylbenzene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| Toluene | 5.15 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| p-Xylene | 5.05 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.2 | 0.0500 | 10.0 | | 102 | 70-130 | | | |
| Total Xylenes | 15.3 | 0.0250 | 15.0 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.16 | | 8.00 | | 102 | 70-130 | | | |
| LCS Dup (2511047-BSD1) | | | | | | | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Benzene | 5.27 | 0.0250 | 5.00 | | 105 | 70-130 | 0.974 | 20 | |
| Ethylbenzene | 5.08 | 0.0250 | 5.00 | | 102 | 70-130 | 0.787 | 20 | |
| Toluene | 5.20 | 0.0250 | 5.00 | | 104 | 70-130 | 0.925 | 20 | |
| o-Xylene | 5.10 | 0.0250 | 5.00 | | 102 | 70-130 | 0.932 | 20 | |
| o,m-Xylene | 10.3 | 0.0500 | 10.0 | | 103 | 70-130 | 0.891 | 20 | |
| Total Xylenes | 15.4 | 0.0250 | 15.0 | | 103 | 70-130 | 0.905 | 20 | |



QC Summary Data

| | | QU L | Jumm | ary Data | u | | | | |
|--|--------|---------------------------------|----------------|---------------------------|---------|---------------|-------------|--------------|---------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number | : | TOMCAT 8 FE 01058-0007 | DERAL # | 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager | r: | Anna Byers | | | | | 3/17/2025 1:14:10PM |
| | No | nhalogenated | Organic | s by EPA 80 | 15D - G | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511047-BLK1) | | | | | | | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.20 | | 8.00 | | 89.9 | 70-130 | | | |
| LCS (2511047-BS2) | | | | | | | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Gasoline Range Organics (C6-C10) | 39.8 | 20.0 | 50.0 | | 79.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.23 | | 8.00 | | 90.4 | 70-130 | | | |
| LCS Dup (2511047-BSD2) | | | | | | | Prepared: 0 | 3/13/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 41.2 | 20.0 | 50.0 | | 82.4 | 70-130 | 3.45 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.30 | | 8.00 | | 91.2 | 70-130 | | | |



QC Summary Data

| | | QC BI | u1111116 | ary Data | a | | | | |
|---|-----------------|--|-------------------------|---------------------------------------|----------|--------------------|-------------|-------------------|---|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | OMCAT 8 FE 1058-0007 .nna Byers | DERAL # | 001 | | | Reported: 3/17/2025 1:14:10PM |
| | Nonh | alogenated Orga | anics by | EPA 8015I |) - DRO | /ORO | | | Analyst: KH |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511049-BLK1) | | | | | | | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.0 | | 50.0 | | 95.9 | 61-141 | | | |
| LCS (2511049-BS1) | | | | | | | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Diesel Range Organics (C10-C28) | 223 | 25.0 | 250 | | 89.2 | 66-144 | | | |
| Surrogate: n-Nonane | 49.3 | | 50.0 | | 98.6 | 61-141 | | | |
| Matrix Spike (2511049-MS1) | | | | Source: | E503071- | 02 | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Diesel Range Organics (C10-C28) | 339 | 25.0 | 250 | 127 | 84.9 | 56-156 | | | |
| Surrogate: n-Nonane | 49.2 | | 50.0 | | 98.4 | 61-141 | | | |
| Matrix Spike Dup (2511049-MSD1) | | | | Source: | E503071- | 02 | Prepared: 0 | 3/13/25 A | nalyzed: 03/13/25 |
| Diesel Range Organics (C10-C28) | 435 | 25.0 | 250 | 127 | 123 | 56-156 | 24.9 | 20 | R3 |
| Surrogate: n-Nonane | 49.8 | | 50.0 | | 99.6 | 61-141 | | | |



QC Summary Data

| | | • • • | - | | | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|---------------------|
| Devon Energy - Carlsbad | | Project Name: | | FOMCAT 8 FE | DERAL #0 | 001 | | | Reported: |
| 6488 7 Rivers Hwy | | Project Number: | . (| 01058-0007 | | | | | |
| Artesia NM, 88210 | | Project Manager | : 2 | Anna Byers | | | | | 3/17/2025 1:14:10PM |
| | | Anions | by EPA | 300.0/90564 | 4 | | | | Analyst: AK |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511058-BLK1) | | | | | | | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2511058-BS1) | | | | | | | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2511058-MS1) | | | | Source: | E503074-0 | 02 | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Chloride | 332 | 40.0 | 250 | 84.6 | 99.1 | 80-120 | | | |
| Matrix Spike Dup (2511058-MSD1) | | | | Source: | E503074-(| 02 | Prepared: 0 | 3/13/25 A | analyzed: 03/13/25 |
| Chloride | 330 | 40.0 | 250 | 84.6 | 98.2 | 80-120 | 0.722 | 20 | |
| | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-------------------------|------------------|-----------------------|----------------|
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/17/25 13:14 |

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

| | evon Ener | | | mpany, LP | Bill To | | | | | the second second second | b Use | | | | | | TAT | | EPA Progra | am |
|-----------------|-----------------------|-------------|----------------------|---|--|--------------|--------------|------------|-------------------------|--------------------------|-------------|-------------|----------------|-----------|-----------|---------|----------|---------------------------------------|--|------|
| roject: | TOMCAT 8 | 3 FEDERA | L #001 | | Attention: Jim Raley | | | | WO# | | | | Numbe | | 1D 2 | 2D 3 | _ | Standard | CWA SD | WA |
| | Aanager: / | | | | Address: 5315 Buena Vista Dr | | | E- | 503 | 0-1- | | | 58-2 | | | | 1 | 5 day TAT | | |
| | 13000 W .e, Zip_Od | | | an an an an an an an | City, State, Zip: Carlsbad, NM, Phone: 575-885-7502 | 88220 | | - | — – – | | | Analy: | sis and | Metho | | | | | RC | CRA |
| | 32-305-64 | | 19705 | | Email: jim.raley@dvn.com | | | | 15 | | | | | | | | | A PARA | State | |
| | MTXGeoG | | techenv.c | om | WBS: 100708530148 | 55368 | 01 | 1 | oy 80 | | | | | | | | | NM CO | UT AZ TX | |
| | | 1- | | | Incident ID: nKL1622549584 | 10 10 1 | V I | | DRO I | | | | | | | | | | | |
| | : 19305 | | | | | | | | RO/G | 21 | 0 | 。 | 0.0 | | MN | ł | < | | | |
| | d by: Halei | igh Blum | 1 | | | 10.00 | Lab | (ft.) | RO/C | y 80 | y 826 | 601 | de 30 | | | | | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | 102.30 | Lab umber | Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | | | | Remarks | |
| 10:20 | 03.11.25 | S | 1 | | BH01 | | 1 | 0.5' | F | | - | ~ | 0 | | x | | | | | Page |
| 10:25 | 03.11.25 | S | 1 | | BH01 | | 2 | 1' | | | | | | 1 | x | | | | | |
| 10:40 | 03.11.25 | S | 1 | | BH01 | 1 | 3 | 2' | | | | | | | x | - | | | | |
| 10:55 | 03.11.25 | S | 1 | | BH01 | 1000 A | 7 | 4' | | | - | | - | - | x | | | - | | |
| | | | | | | | 1 | | | _ | - | | | + | | | + | | | |
| | | | | | | | | | | _ | - | | | | | | + | | | _ |
| | | | | | | | | | | | _ | | | _ | | | | | | |
| | | | | | | | - | | 2 | | | _ | | | | | _ | | | |
| | | | | | | | | | | | _ | | | _ | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | - MERICA | | | | | | | | | | | | | |
| | al Instruc | | | | | | | | | | | | | | | | | | | |
| late or time | e of collection | is consider | | ticity of this sample may be grounds for | | | , the sam | ple loc | ation, | | | | | | avg temp | above 0 | but less | ved on ice the da than 6 °C on sub | y they are sampled or sequent days. | |
| · pto | edrby: (Sign | 119 | AMO S | 11,202 | Michelle Gonz | | -12-2 | 5 | | 30 | | Rece | ived o | n ice: | Lal |) Use (| Only | | | |
| | | . 0 | V | | 545 Kichard Jone | 1 | -12- | 25 | | 45 | | T1 | | | <u>T2</u> | | | <u>T3</u> | | |
| Lich | ed by: (Sign | Toke | Jes 3- | 12-75 Z | 145 Noc Sato | Dat 3- | e -13-2 | 5 | Time | 300 | | AVG | Temp | °c_4 | | | | | | |
| | | | - Sludge, A - | Aqueous, O - Other | | Co | ntainer | Туре | | | | | | g - ambe | | | | | | |
| Note: Sam | ples are dis | carded 30 | days after r | esults are reporte | ed unless other arrangements are made. How the laboratory with this COC. The liability | Hazardous sa | imples w | vill be | return | ned to | client | or dis | sposed | of at the | client e | expense | e. The | e report for th | e analysis of the | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Devon Energy - Carlsbad Da | ate Received: | 03/13/25 | 08:00 | Work Order ID: | E503077 |
|-------------|--|---------------------|----------|-------------------|----------------|---------------|
| Phone: | (575) 748-0176 Da | ate Logged In: | 03/12/25 | 14:57 | Logged In By: | Caitlin Mars |
| Email: | | le Date: | 03/19/25 | 17:00 (4 day TAT) | | |
| Chain of | Custody (COC) | | | | | |
| 1. Does th | he sample ID match the COC? | | Yes | | | |
| 2. Does the | he number of samples per sampling site location match | the COC | Yes | | | |
| 3. Were s | amples dropped off by client or carrier? | | Yes | Carrier: Courier | | |
| 4. Was th | e COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | | |
| 5. Were a | Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Comment | ts/Resolution |
| Sample 7 | <u>Furn Around Time (TAT)</u> | | | | | |
| 6. Did the | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample C | <u>Cooler</u> | | | | | |
| 7. Was a | sample cooler received? | | Yes | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | |
| 9. Was th | e sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Were | custody/security seals present? | | No | | | |
| 11. If yes | , were custody/security seals intact? | | NA | | | |
| 12. Was th | he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- | | Yes | | | |
| 12 Ifno | minutes of sampling visible ice, record the temperature. Actual sample ten | nnoroturo: 1º | C | | | |
| | | nperature. <u>+</u> | <u>c</u> | | | |
| | <u>Container</u> | | NI- | | | |
| | queous VOC samples present? /OC samples collected in VOA Vials? | | No NA | | | |
| | head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | |
| | on-VOC samples collected in the correct containers? | | Yes | | | |
| | appropriate volume/weight or number of sample containers | collected? | Yes | | | |
| Field La | | concettu? | 105 | | | |
| | field sample labels filled out with the minimum inform | ation | | | | |
| | ample ID? | | Yes | | | |
| | Date/Time Collected? | | Yes | | | |
| | Collectors name? | | Yes | | | |
| | Preservation | | | | | |
| | the COC or field labels indicate the samples were prese | erved? | No | | | |
| | ample(s) correctly preserved? | | NA | | | |
| 24. Is lab | filteration required and/or requested for dissolved meta | uls? | No | | | |
| | ase Sample Matrix | | | | | |
| | the sample have more than one phase, i.e., multiphase? | | No | | | |
| 27. If yes | s, does the COC specify which phase(s) is to be analyzed | d? | NA | | | |
| Subconti | ract Laboratory_ | | | | | |
| | amples required to get sent to a subcontract laboratory? | | No | | | |
| | | | | | | |

B

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

Released to Imaging: 6/9/2025 2:19:30 PM

Received by OCD: 6/6/2025 10:45:55 AM

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| | | rgy Produ | Contraction of a star | npany | , LP | - | | 16.01.50 | 01. | | Bill T | o | - | | | - Asta | | L | ab U | se O | nly | | | 0.0 | TIT | T | AT | | EP | APr | ogram |
|--|-------------------------------------|-----------------------|-----------------------------|--|------------------|---------------------|-------------------|------------------------|------------------|----------------|-------------------|--|---------|----------------|--------|------------|-------------------------|---------|-------------|--------------|----------------|---------|--------|--------|--------|-------|--------|-----------------------------------|----------------|----------------------|-------|
| | TOMCAT | | | - | - | | | ttention: | | | | | | | 1 | Lab | WO# | ŧ | Carlos and | Job | Nun | | in the | 1D | 2D | 3D | | tandard | | | SDWA |
| | Manager: . : 13000 W | | | - | | - | | ddress: 5 | | | | And the second s | 220 | - | _ | E S | 03 | 03 | - | 1000 - 1 - H | | -00 | | | | 1 | 5 | day TAT | | 100 | |
| United and a state of the state of the | te, Zip_Oc | | CHAINING PRACTICE | | | - | | ity, State hone: 57 | | | | NIVI, 88 | 5220 | | - | | Contract | | r | Anal | ysis a | ind M | etho | d | 1 | - | - | | | - | RCRA |
| | 132-305-6 | | 19105 | | | | 1 | mail: jim | 5 1 61 | | 100.00 | m | - | - | - | | 15 | | | | | | | | 1 | | 1 | 1000 | | | |
| | MTXGeoG | and the second second | echenv.c | om | | | | /BS: 100 | | | | | 76 | 10 | | 1 | y 80 | 1 Cur | | | | | | | | | | NINAL CO | Sta | and present a series | TH |
| | | | | | | | | ident I | | | | | NS | 20 | - | | ROP | | | 11 m | | | | | | | | NM CO | | AZ | TX |
| | t: 19305 d by: Hale | igh Blum | 2 | | | | 1000 | rds: I | | | | | 3-1 | 4.25 | | 1 | TPH GRO/DRO/ORO by 8015 | 8021 | 3260 | 6010 | 300.0 | | | MN | | TX | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Samp | le ID | | | | | | | | | Lab Numb | er | Depth(ft.) | TPH GRO | BTEX by | VOC by 8260 | Metals 6 | Chloride 300.0 | | | BGDOC | | GDOC | | | Rema | arks | |
| 10:20 | 03.11.25 | S | 1 | | | | | вно | 1 | | | | | 1 | | 0.5' | | | | | | | | x | | | | Chan | Ded HI | WI B. | BS |
| 10:25 | 03.11.25 | S | 1 | | | | | BHO | 1 | | | | | 2 | | 1' | | | | | | | | x | | | | | 3.10 | 100 | 5 |
| 10:40 | 03.11.25 | S | 1 | | | | | BHO | 1 | - | | | | 3 | | 2' | | | | | | | | x | | | | | | | |
| 10:55 | 03.11.25 | S | 1 | | | | | вно | 1 | | | | | 4 | | 4' | | | | | | | | x | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 7 | | | | | | | and the second | | | 2 | | | | | | | | | | | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | To Pa | 313 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | | | | | | and the | | | | | | | | | 3 | | | | | | | | | | | | | | | | - |
| | | | | | y. | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Addition | al Instruc | tions: | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | pler), attest to e of collection | | | | | | | | | | or inten d by: | | slabell | ng the s | ample | e locat | tion, | | | | | | | | | | | l on ice the da an 6 °C on sul | | | ed or |
| Relinquish | ed by: (Signa | ature HG | malls | ila | UNT | ime | | Receive | ed by: | (Signa | ature) Go | mgal | es | ate 8-12 | -25 | 5 | Time | 30 | | Rece | eived | on ic | e: | | DN | se On | ily | | and the second | | |
| Manuish | refle t | ature) Jonga | les 3- | 12.2 | ST | IS | 45 | Receive | ha | 20 | 1- | Toweal | | ate 3-12 | | T | Time | 15 | | T1 | | | | T2 | 9. | | | T3 | | | |
| Relinquish | ed by: (Sign | Tokea | leg 3- | 12-7 | | ime 214 | 15 | Receive | ed by: (| (Signa | ature) | ā | D | ate 3-13- | 25 | _ | Time 08 | 00 | | Havi | Tem | p°C_ | 4 | | | | | | | - | |
| | trix: S - Soil, So | | Sludge, A - A | queous | .0-0 | | | _ | | - | | | Ċ | ontair | er Ty | /pe: | g - gla | ass, p | - 00 | ly/pla | astic | ag - a | mbe | r glas | 5, V - | VOA | | - Kalin | | | |
| Note: Sam above sam | ples are disc ples is appli | carded 30 d | ays after re to those sa | esults an mples re | re rep eceive | orted u ed by ti | unless he labo | other arra | ngeme th this | ents a COC. | are ma | de. Haza ability of t | rdous | sample | s will | be re | eturn | ed to | client | t or di | snosp | d of at | the | client | expe | nse. | The re | eport for th | he analy: | sis of | the |
| | | | Und so a | a la | | | | | | | N. S. | | | | - | | | | | | | - | Port. | | 14.1.2 | | 1000 | | - | | |
| | | | | | | | | | | | | | | | | | | | | | 11- | -2 | | | | - | | nv | | MA . | |

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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503099

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503099 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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| QC - Nonhalogenated Organics by EPA 8015D - GRO | 7 |
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| v | | Sample Sum | mary | | |
|-------------------------|---------------|------------------|---------------|----------|------------------|
| Devon Energy - Carlsbad | | Project Name: | TOMCAT 8 FEDE | RAL #001 | Reported: |
| 6488 7 Rivers Hwy | | Project Number: | 01058-0007 | | Reported: |
| Artesia NM, 88210 | | Project Manager: | Anna Byers | | 03/19/25 10:16 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BH01 3' | E503099-01A | Soil | 03/11/25 | 03/14/25 | Glass Jar, 2 oz. |



| | 50 | ample D | ala | | | | |
|--|---------------------------------|------------|----------------------|----------|----------|----------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | Project Name: Project Number | | ACAT 8 FI 58-0007 | EDERAI | L #001 | | Reported: |
| Artesia NM, 88210 | Project Manag | er: Ann | a Byers | | | | 3/19/2025 10:16:17AM |
| | | BH01 3' | | | | | |
| | | E503099-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: | SL | | Batch: 2511072 |
| Benzene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| foluene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/14/25 | 03/15/25 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 78.0 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | SL | | Batch: 2511072 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 96.6 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/14/25 | 03/14/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: n-Nonane | | 105 % | 61-141 | | 03/14/25 | 03/14/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | AK | | Batch: 2511071 |
| Chloride | 1300 | 20.0 | | 1 | 03/14/25 | 03/14/25 | |



QC Summary Data

| | | QC DI | u 11111110 | ii y Dat | a | | | | |
|---|--------------|--|----------------|--------------------------------------|-------------|------------------|--------------|--------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 01 | OMCAT 8 FE 1058-0007 nna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:16:17AM |
| | | Volatile O | | 2 |)1R | | | | |
| | | volatile O | games | JY LIA 602 | 21 D | | | | Analyst: SL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511072-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.39 | | 8.00 | | 79.9 | 70-130 | | | |
| LCS (2511072-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Benzene | 4.76 | 0.0250 | 5.00 | | 95.1 | 70-130 | | | |
| Ethylbenzene | 4.53 | 0.0250 | 5.00 | | 90.6 | 70-130 | | | |
| Toluene | 4.67 | 0.0250 | 5.00 | | 93.4 | 70-130 | | | |
| o-Xylene | 4.53 | 0.0250 | 5.00 | | 90.6 | 70-130 | | | |
| p,m-Xylene | 9.20 | 0.0500 | 10.0 | | 92.0 | 70-130 | | | |
| Total Xylenes | 13.7 | 0.0250 | 15.0 | | 91.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.38 | | 8.00 | | 79.8 | 70-130 | | | |
| Matrix Spike (2511072-MS1) | | | | Source: | E503097- | 03 | Prepared: 0 | 3/14/25 A | nalyzed: 03/15/25 |
| Benzene | 5.08 | 0.0250 | 5.00 | ND | 102 | 54-133 | | | |
| Ethylbenzene | 4.84 | 0.0250 | 5.00 | ND | 96.8 | 61-133 | | | |
| Toluene | 4.99 | 0.0250 | 5.00 | ND | 99.8 | 61-130 | | | |
| o-Xylene | 4.81 | 0.0250 | 5.00 | ND | 96.2 | 63-131 | | | |
| p,m-Xylene | 9.81 | 0.0500 | 10.0 | ND | 98.1 | 63-131 | | | |
| Total Xylenes | 14.6 | 0.0250 | 15.0 | ND | 97.5 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.31 | | 8.00 | | 78.9 | 70-130 | | | |
| Matrix Spike Dup (2511072-MSD1) | | | | Source: | E503097- | 03 | Prepared: 0 | 3/14/25 A | nalyzed: 03/15/25 |
| Benzene | 5.37 | 0.0250 | 5.00 | ND | 107 | 54-133 | 5.53 | 20 | |
| Ethylbenzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 61-133 | 5.35 | 20 | |
| Europeone | 5.10 | | | | | | | | |
| • | 5.27 | 0.0250 | 5.00 | ND | 105 | 61-130 | 5.52 | 20 | |
| Toluene | | | 5.00 5.00 | ND ND | 105 101 | 61-130 63-131 | 5.52 5.18 | 20 20 | |
| Toluene o-Xylene p.m-Xylene | 5.27 | 0.0250 | | | | | | | |
| Toluene o-Xylene | 5.27 5.07 | 0.0250 0.0250 | 5.00 | ND | 101 | 63-131 | 5.18 | 20 | |



QC Summary Data

| | | QC D | uIIIII | ary Data | a | | | | |
|---|--------|--|----------------|--|-----------|---------------|-------------|--------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | COMCAT 8 FE 1058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:16:17AM |
| Artesia INIVI, 66210 | Nor | halogenated (| | • | 15D - GI | RO | | | |
| | 1101 | maiogenateu (| Jiganies | by EIM00 | 150 - 01 | | | | Analyst: SL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511072-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.74 | | 8.00 | | 96.8 | 70-130 | | | |
| LCS (2511072-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 38.9 | 20.0 | 50.0 | | 77.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.72 | | 8.00 | | 96.5 | 70-130 | | | |
| Matrix Spike (2511072-MS2) | | | | Source: | E503097-0 | 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/15/25 |
| Gasoline Range Organics (C6-C10) | 41.2 | 20.0 | 50.0 | ND | 82.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.86 | | 8.00 | | 98.3 | 70-130 | | | |
| Matrix Spike Dup (2511072-MSD2) | | | | Source: | E503097-(| 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/15/25 |
| Gasoline Range Organics (C6-C10) | 40.3 | 20.0 | 50.0 | ND | 80.6 | 70-130 | 2.27 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.81 | | 8.00 | | 97.6 | 70-130 | | | |



QC Summary Data

| | | QC DI | u 1111110 | ary Data | a | | | | |
|---|-----------------|--|-------------------------|---------------------------------------|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | OMCAT 8 FE 1058-0007 .nna Byers | DERAL # | 001 | | | Reported: 3/19/2025 10:16:17AM |
| | Nonh | alogenated Orga | anics by | EPA 8015I |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511079-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | |
| LCS (2511079-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 246 | 25.0 | 250 | | 98.3 | 66-144 | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | |
| Matrix Spike (2511079-MS1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 61-141 | | | |
| Matrix Spike Dup (2511079-MSD1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 0.820 | 20 | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | $\mathbf{x} \in \mathbf{z}$ | ~ | Iary Date | ~ | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | | TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #0 | 001 | | | Reported: 3/19/2025 10:16:17AM |
| | | Anions | by EPA | A 300.0/9056A | \ | | | | Analyst: AK |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | |
| Blank (2511071-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2511071-BS1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2511071-MS1) | | | | Source: | E503097- | 08 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 748 | 20.0 | 250 | 501 | 98.9 | 80-120 | | | |
| Matrix Spike Dup (2511071-MSD1) | | | | Source: | E503097- | 08 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 742 | 20.0 | 250 | 501 | 96.3 | 80-120 | 0.884 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-------------------------|------------------|-----------------------|----------------|
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:16 |

| ND | Analyte NOT DETECTED at or above the reporting limit |
|----|--|
|----|--|

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





| Released to Imaging: | Project I | nformatio | n | | | | Chain | of Cu | stod | y | | | | | | | | | | Pa | Received by OCD: 6/6/2025 10:45:55 AM |
|-----------------------------|-------------------------------------|---|---------------|----------------------|-----------------------|---|--|--|-------------------------|-------------------|---|----------------|----------------|------------------------------------|-----------|------------|-----------|---|--------------|------------------------------|---------------------------------------|
| d to | Client: D | evon Fner | rev Produ | uction Cou | mpany, LP | Bill To | | 10000 | Lab Use Only | | | | | | | | Т | AT | FPA Pr | rogram | d b |
| 10 | | Client: Devon Energy Production Company, LP Bill To Project: TOMCAT 8 FEDERAL #001 Attention: Jim Raley | | | | | | the second s | | | | | | | 11 | 120 | 1568 | | CWA | SDWA | y (|
| ma | | Project Manager: Anna Byers Address: 5315 Buena Vista Dr. | | | | | and the second s | | | A SALE IN COMPANY | and the second se | | | | CVVA | CWA SDWA | <i>)C</i> | | | | |
| 80. | | : 13000 W | | | | City, State, Zip: Carlsbad, NM, 8822 | 20 | L | 500 | 101 | | | | nd Meth | | 1 | - | Judy IAI | | RCRA | D: |
| Su | | te, Zip_Oc | | | | Phone: 575-885-7502 | .0 | | 1 | | r | Anary | 515 di | iu metri | | - | 1 | | | NCNA | 6 |
| | | 432-305-6 | | 19703 | | | | - | 15 | | | | | | | | | (Salati solar) | Ctata | I | 6/2 |
| 6 | and the second second second | IMTXGeoG | 1000000 | tochony | | Email: jim.raley@dvn.com | | - | / 80 | | | | | | | | | NINAL CO. | State | TX | 202 |
| 20 | Lillan. N | INIT/GEOC | noupee | techenv.t | .0111 | WBS: 1061476201 - NM Permian A | bandon | - | d O | | | | | | | | | | UT AZ | | 5 |
| 25 | Project # | #·19305 | | | | Incident ID: nKL1622549584 | | | 0/OB | | | | ~ | | | . - | | | | | 10. |
| 2 | and the second second second second | d by: Hale | iah Blum | 0 | | | | | DRO | 021 | 60 | 10 | 300.0 | | NIN | | Ě | | | | :45 |
| 6/9/2025 2:19:30 PM | | 1 | Ign blum | | l | | 1 July | E - | TPH GRO/DRO/ORO by 8015 | BTEX by 802. | VOC by 8260 | Metals 6010 | de 3 | | | | | × | | | :5 |
| 30 | Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | Lab | Depth(ft.) | D H G | EX I | DC b | etal | Chloride : | | DOUD | | GDOC | | Remarks | | 5 |
| P | Sampleu | Sampled | | containers | | | Number | ă | 4 H | 81 | 1 × | Σ | 5 | | à | <u> </u> | 0 | | | | 4M |
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| | | | | | may be grounds for le | | 1- | | 1 | | | - | a poen | | 011016 | | | | | and the second second second | |
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| | Wich | relle E | jonza | 108 5- | 13-25 17 | 00 H. | 5.15. | 25 | 1 | 170 | 00 | <u>T1</u> | | | <u>T2</u> | | | <u>T3</u> | | | |
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| | . l | admit | H. | 3 | 1328 7 | 300 hunter R. Hull | 3-14- | 25 | 0 | 430 | 0 | AVG | Tem | D° q | 4 | | | | | | |
| | Sample Ma | trix: S - Soil, S | d - Solid. Se | - Sludge, A - | Aqueous, O - Other | | Containe | | _ | | _ | INTER PROPERTY | CONTRACTOR NOT | And the start of the second second | ber ø | lass. v | - VOA | ana an | | ACCOUNT OF THE OWNER | |
| | | | | | | unless other arrangements are made. Hazard | | | | | | | | | | | | | e analysis o | of the | 7 |
| | | | | | | the laboratory with this COC. The liability of the | | | | | | | | | | in only | | | | | as |
| | | | | | | | | | | | | | | - | | | | | | | e e |
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| | | | | | | | Page 1 | 1 of | 12 | | | | - | | | | | | | | - 02 |
| • | | | | | | | | | | | | | | | | | | | | | 2 |



Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| structions | : Please take note of any NO checkmarks. | Sample | Receipt | Checklist (SRC) | | |
|----------------|--|----------------------|--------------|-----------------------------|----------------|------------------------|
| we receive | e no response concerning these items within 24 hours of the e | date of this not | ice, all the | samples will be analyzed as | requested. | |
| Client: | Devon Energy - Carlsbad Da | ate Received: | 03/14/25 | 04:30 | Work Order ID: | E503099 |
| Phone: | (575) 748-0176 Da | ate Logged In: | 03/13/25 | 16:48 | Logged In By: | Noe Soto |
| Email: | anna@etechenv.com Du | le Date: | 03/20/25 | 17:00 (4 day TAT) | | |
| Chain o | f Custody (COC) | | | | | |
| | the sample ID match the COC? | | Yes | | | |
| | the number of samples per sampling site location match | the COC | Yes | | | |
| | samples dropped off by client or carrier? | | Yes | Carrier: Courier | | |
| 4. Was tl | he COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | | |
| 5. Were | all samples received within holding time? | • | Yes | | | |
| | Note: Analysis, such as pH which should be conducted in the | e field, | | | Commen | ts/Resolution |
| a 1 | i.e, 15 minute hold time, are not included in this disucssion. | | | | <u>commen</u> | <u>Its/ Resolution</u> |
| | Turn Around Time (TAT) | | Yes | | | |
| | e COC indicate standard TAT, or Expedited TAT? | | 168 | | | |
| Sample 7 Was a | | | Yes | | | |
| | sample cooler received? , was cooler received in good condition? | | Yes | | | |
| | he sample(s) received intact, i.e., not broken? | | | | | |
| | · · · · · · | | Yes | | | |
| | e custody/security seals present? | | No | | | |
| - | s, were custody/security seals intact? | | NA | | | |
| | he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling | ceived w/i 15 | Yes | | | |
| | visible ice, record the temperature. Actual sample tem | nperature: <u>4°</u> | <u>C</u> | | | |
| | <u>Container</u> | | | | | |
| | aqueous VOC samples present? | | No | | | |
| | VOC samples collected in VOA Vials? | | NA | | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | |
| | non-VOC samples collected in the correct containers? | 11 / 10 | Yes | | | |
| | appropriate volume/weight or number of sample containers | collected? | Yes | | | |
| Field La | | <i></i> | | | | |
| | e field sample labels filled out with the minimum inform Sample ID? | ation: | Yes | | | |
| | Date/Time Collected? | | Yes | | | |
| | Collectors name? | | Yes | | | |
| Sample | Preservation | | | | | |
| 21. Does | s the COC or field labels indicate the samples were prese | rved? | No | | | |
| 22. Are s | sample(s) correctly preserved? | | NA | | | |
| 24. Is lat | b filteration required and/or requested for dissolved meta | ıls? | No | | | |
| <u>Multiph</u> | ase Sample Matrix | | | | | |
| 26. Does | s the sample have more than one phase, i.e., multiphase? | | No | | | |
| 27. If ye | s, does the COC specify which phase(s) is to be analyzed | d? | NA | | | |
| Subcont | ract Laboratory | | | | | |
| | samples required to get sent to a subcontract laboratory? | | No | | | |
| | a subcontract laboratory specified by the client and if so | | NA | Subcontract Lab: NA | | |
| Client l | Instruction | | | | | |

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.




5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503100

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503100 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com





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| | Sample Sum | mary | |
|-------------------------|-----------------|-----------------------|-----------|
| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | Deported |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |

| Artesia NM, 88210 | | Project Manager: | Anna Byers | | 03/19/25 10:51 |
|-------------------|---------------|------------------|------------|----------|------------------|
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BH02 0.5' | E503100-01A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH02 1' | E503100-02A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH02 2' | E503100-03A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH02 3' | E503100-04A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |



| | 50 | ampie D | ala | | | | | |
|--|----------------|------------|----------------|-------------|----------|----------|----------------------|--|
| Devon Energy - Carlsbad | Project Name: | | ACAT 8 FEI | DERAL # | 001 | | | |
| 6488 7 Rivers Hwy | Project Numbe | | 58-0007 | Reported: | | | | |
| Artesia NM, 88210 | Project Manage | er: Ann | a Byers | | | | 3/19/2025 10:51:00AM | |
| | | BH02 0.5' | | | | | | |
| |] | E503100-01 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilut | tion | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | cg Analyst: BA | | | | Batch: 2511074 | |
| Benzene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | | |
| Ethylbenzene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | | |
| Toluene | 0.0432 | 0.0250 | 1 | | 03/14/25 | 03/14/25 | | |
| p-Xylene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | | |
| p,m-Xylene | ND | 0.0500 | 1 | | 03/14/25 | 03/14/25 | | |
| Total Xylenes | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | | 03/14/25 | 03/14/25 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | 1 | Analyst: BA | A | | Batch: 2511074 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 03/14/25 | 03/14/25 | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.0 % | 70-130 | | 03/14/25 | 03/14/25 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | 1 | Analyst: N | V | | Batch: 2511079 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 03/14/25 | 03/14/25 | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | | 03/14/25 | 03/14/25 | | |
| Surrogate: n-Nonane | | 104 % | 61-141 | | 03/14/25 | 03/14/25 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | 1 | Analyst: JN | ſ | | Batch: 2511080 | |
| Chloride | 29.6 | 20.0 | 1 | | 03/14/25 | 03/14/25 | | |



| | D D | ampic D | ata | | | |
|---|--|-----------------|------------------|-------------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Mana | ber: 01058-0007 | | | | Reported: 3/19/2025 10:51:00AM |
| | | BH02 1' | | | | |
| | | E503100-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | y/kg Analyst: BA | | | Batch: 2511074 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/14/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2511074 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.5 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | nalyst: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | 25.9 | 25.0 | 1 | 03/14/25 | 03/14/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/14/25 | |
| Gurrogate: n-Nonane | | 110 % | 61-141 | 03/14/25 | 03/14/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | nalyst: JM | | Batch: 2511080 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |



| | D | ampic D | ata | | | |
|--|---------------|-----------------|------------------|----------|----------|----------------------|
| Devon Energy - Carlsbad | Project Name | : TON | ACAT 8 FEDER | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numb | ber: 01058-0007 | | | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 3/19/2025 10:51:00AN |
| | | BH02 2' | | | | |
| | | E503100-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | g/kg Analyst: BA | | | Batch: 2511074 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: BA | | Batch: 2511074 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.0 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/14/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: n-Nonane | | 107 % | 61-141 | 03/14/25 | 03/14/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2511080 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | D | ampic D | ata | | | |
|--|--------------|----------------------------|---------------|----------|----------|----------------------|
| Devon Energy - Carlsbad | Project Name | e: TON | MCAT 8 FEDER | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numl | Project Number: 01058-0007 | | | | Reported: |
| Artesia NM, 88210 | Project Mana | ager: Ann | a Byers | | | 3/19/2025 10:51:00AM |
| | | BH02 3' | | | | |
| | | E503100-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | g Analyst: BA | | | Batch: 2511074 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: BA | | Batch: 2511074 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.7 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 105 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2511080 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



QC Summary Data

| | | | | | | | | Reported: |
|--------------------------------|--|---|---|---|--|--|--|---|
| | Project Number: | 01 | 01058-0007 | | | | | |
| | Project Manager: | Aı | nna Byers | | | | | 3/19/2025 10:51:00AM |
| Volatile Organics by EPA 8021B | | | | | | | | |
| | Reporting | Spike | Source | D | Rec | סמת | RPD | |
| Result mg/kg | mg/kg | mg/kg | mg/kg | Rec % | Limits | KPD % | Limit % | Notes |
| | | | | | | Prepared: 0 | 3/14/25 4 | nalvzed: 03/14/25 |
| ND | 0.0250 | | | | | Trepared. 0 | 3/14/23 P | maryzeu. 03/14/23 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 0.0250 | 8.00 | | 10.4 | 70 100 | | | |
| 8.31 | | 8.00 | | 104 | 70-130 | | | |
| | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| 5.31 | 0.0250 | 5.00 | | 106 | 70-130 | | | |
| 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| 5.26 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| 10.5 | 0.0500 | 10.0 | | 105 | 70-130 | | | |
| 15.6 | 0.0250 | 15.0 | | 104 | 70-130 | | | |
| 8.47 | | 8.00 | | 106 | 70-130 | | | |
| | | | Source: | E503100- | 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| 5.04 | 0.0250 | 5.00 | ND | 101 | 54-133 | | | |
| 4.88 | 0.0250 | 5.00 | ND | 97.6 | 61-133 | | | |
| 4.98 | 0.0250 | 5.00 | ND | 99.6 | 61-130 | | | |
| 4.86 | 0.0250 | 5.00 | ND | 97.2 | 63-131 | | | |
| 9.92 | 0.0500 | 10.0 | ND | 99.2 | 63-131 | | | |
| 14.8 | 0.0250 | 15.0 | ND | 98.5 | 63-131 | | | |
| 8.19 | | 8.00 | | 102 | 70-130 | | | |
| | | | Source: | E503100- | 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| 5.30 | 0.0250 | 5.00 | ND | 106 | 54-133 | 4.92 | 20 | |
| 5.13 | 0.0250 | 5.00 | ND | 103 | 61-133 | 4.92 | 20 | |
| 5.23 | 0.0250 | 5.00 | ND | 105 | 61-130 | 4.92 | 20 | |
| 5.11 | 0.0250 | 5.00 | ND | 102 | 63-131 | 4.90 | 20 | |
| 10.4 | 0.0500 | 10.0 | ND | 104 | 63-131 | 4.91 | 20 | |
| 15.5 | 0.0250 | 15.0 | ND | 103 | 63-131 | 4.91 | 20 | |
| | ND ND ND ND ND 8.31 5.31 5.36 5.26 5.16 5.26 5.16 10.5 15.6 8.47 5.04 4.88 4.98 4.88 4.98 4.86 9.92 14.8 8.19 5.30 5.13 5.23 5.11 10.4 | Solution Solution ND 0.0250 S.31 0.0250 5.31 0.0250 5.34 0.0250 5.16 0.0250 10.5 0.0500 15.6 0.0250 4.88 0.0250 4.86 0.0250 4.86 0.0250 5.13 0.0250 5.13 0.0250 5.13 0.0250 5.11 0.0250 | Spike Limit Spike Result mg/kg mg/kg mg/kg ND 0.0250 mg/kg ND 0.0250 ND S.31 0.0250 5.00 5.16 0.0250 5.00 5.16 0.0250 5.00 15.6 0.0250 5.00 15.6 0.0250 5.00 4.88 0.0250 5.00 4.88 0.0250 5.00 4.86 0.0250 5.00 9.92 0.0500 10.0 14.8 0.0250 5.00 5.30 5.00 5.00 5.13 0.0250 5.00 5.13 0.0250 5.00 5.13 0.025 | ND 0.0250 Spike Source Result mg/kg mg/kg mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 S.00 S.00 5.31 0.0250 5.00 5.16 0.0250 S.00 5.16 0.0250 5.00 15.6 0.0250 5.00 8.47 8.00 Source: 5.04 0.0250 5.00 ND 4.88 0.0250 5.00 ND 4.86 0.0250 5.00 ND 4.86 0.0250 5.00 ND 9.92 0.0500 10.0 ND 8.19 8.00 Source: | Kolatile Organics by EPA 8021B Result Reporting Limit Spike Level Source Result Rec mg/kg mg/kg mg/kg % ND 0.0250 mg/kg % ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 S.31 0.0250 5.00 106 5.16 0.0250 5.00 103 5.26 0.0250 5.00 103 5.16 0.0250 5.00 103 10.5 0.0500 10.0 105 5.16 0.0250 5.00 104 8.47 8.00 106 5.04 0.0250 5.00 ND 4.88 0.0250 5.00 ND 99.2 4.86 0.0250 5.00 ND 99.2 | ND 0.0250 Spike Source Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 0.0250 mg/kg % % % ND 0.0250 nD 0.0250 nD % % S.31 0.0250 nD 0.0250 nD % % S.31 0.0250 5.00 103 70-130 S.16 0.0250 5.00 103 70-130 S.16 0.0250 15.0 104 70-130 8.47 8.00 106 70-130 S.44 0.0250 5.00 ND 97.6 61-133 4.88 0.0250 5.00 ND 97.6 | Volatile Organics by EPA 8021B Result mg/kg Reporting Limit mg/kg Spike Level mg/kg Source Result mg/kg Rec % Rec % Rec % RPD % ND 0.0250 mg/kg % | ND Spike mg/kg Source mg/kg Rec mg/kg Rec mg/kg Rec % Rec % Rec % RPD % RPD % RPD % RPD % RPD % RPD % Limit % RPD % RPD % RP |



QC Summary Data

| | | QC D | u | ary Data | a | | | | |
|---|--------|--|-----------------|------------------|-----------|---------------|-------------|--------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | OMCAT 8 FE | DERAL #(| 001 | | | Reported: 3/19/2025 10:51:00AM |
| Artesia NWI, 88210 | | , , | | Anna Byers | | | | | 5/19/2025 10.51.00AM |
| | Nor | nhalogenated C | Organics | by EPA 80 | 15D - Gl | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511074-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.22 | | 8.00 | | 90.2 | 70-130 | | | |
| LCS (2511074-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | | 86.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.25 | | 8.00 | | 90.7 | 70-130 | | | |
| Matrix Spike (2511074-MS2) | | | | Source: | E503100-(| 03 | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 41.6 | 20.0 | 50.0 | ND | 83.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 | | 8.00 | | 93.6 | 70-130 | | | |
| Matrix Spike Dup (2511074-MSD2) | | | | Source: | E503100-(| 03 | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 42.5 | 20.0 | 50.0 | ND | 85.1 | 70-130 | 2.16 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | |



QC Summary Data

| | | QC D | umm | ary Data | a | | | | |
|---|-----------------|--|-------------------------|--|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | COMCAT 8 FE 1058-0007 Anna Byers | DERAL # | 001 | | | Reported: 3/19/2025 10:51:00AM |
| | Nonh | alogenated Org | anics by | [,] EPA 8015I |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511079-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | |
| LCS (2511079-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 246 | 25.0 | 250 | | 98.3 | 66-144 | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | |
| Matrix Spike (2511079-MS1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 61-141 | | | |
| Matrix Spike Dup (2511079-MSD1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 0.820 | 20 | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | QU N | | | | | | | | |
|---|-----------------|--|--|---|-----------|--------------------|-------------|-------------------|-------------------------------------|-----|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | | TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:51:00 | DAM |
| , | | , , | | . 300.0/9056A | ۸ | | | | Analyst: JM | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes | |
| | 00 | 00 | 00 | 00 | | | | | | |
| Blank (2511080-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | ; |
| Chloride | ND | 20.0 | | | | | | | | |
| LCS (2511080-BS1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | i |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | | |
| Matrix Spike (2511080-MS1) | | | Source: E503101-01 Prepared: 03 | | | | | | Analyzed: 03/14/25 | ; |
| Chloride | 462 | 20.0 | 250 | 191 | 108 | 80-120 | | | | |
| Matrix Spike Dup (2511080-MSD1) | | | | Source: | E503101-0 |)1 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | ; |
| Chloride | 466 | 20.0 | 250 | 191 | 110 | 80-120 | 0.927 | 20 | | |
| | | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-------------------------|------------------|-----------------------|----------------|
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:51 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Reference Project Information

20

Received by OCD: 6/6/2025 10:45:55 AM

| Clien | : Devon En | ergy Produ | uction Co | mpany, LP | Bill To | 1 | | | La | b Use | e Only | Y | | | | TA | т | EPA P | rogram |
|----------|-----------------------------------|------------------|------------------------|---------------------------------------|--|-------------------|------------|-------------------------|--------------|-------------|---|--------------|-------------|----------|-------------|-------------|----------------------|----------------|----------------|
| | ct: TOMCAT | | | | Attention: Jim Raley | | | WO | | | Job N | | | 1D | 2D | 3D Standard | | CWA | SDWA |
| | ct Manager | | | | Address: 5315 Buena Vista Dr. | | E | 503 | 3100 | | | | 0007 | | | | 5 day TAT | | |
| | ess: 13000 \ | | | 1221 | City, State, Zip: Carlsbad, NM, 882 | 220 | | - | 1-2 | | Analys | is and | d Metho | d | | [| | 1. A. I. | RCRA |
| | State, Zip_C | | 79765 | · · · · · · · · · · · · · · · · · · · | Phone: 575-885-7502 | 1 | | 10 | | | | | | | T | | | | |
| | e: 432-305- | | | 1.01 | Email: jim.raley@dvn.com | e la serie | | TPH GRO/DRO/ORO by 8015 | CC | | | | | | | | 5 | State | |
| Emai | : NMTXGeo | Group@e | techenv. | com | WBS: 1061476201 - NM Permian | Abandon | | by 8 | 1 | | 8 | | | | | | NM CO | UT AZ | TX |
| | | | | | Incident ID: nKL1622549584 | | | ORO | 280 | | in an | - 19 | | 101 | | | | | |
| | ct #: 19305 | | | | | | | RO/ | 21 | 0 | 0 | 300.0 | | MN | 10 | X | | 15 | 1. 1. 2. 4 |
| Colle | ted by: Hal | eigh Blum | e | 1.00 | | | Ŧ | d/o | y 80. | 826 | 601 | e 30 | | | 21 | | × | | |
| Tin | | Matrix | No. of | Sample ID | | Lab | Depth(ft.) | H GR | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride | | BGDOC | | GDOC | | Remarks | _ |
| Samp | ed Sampled | | Containers | antiture te | | Number | De | TPI | BTI | 2 | Ме Ме | Ŀ | | BG | | 90 | | | |
| 9:1 | 03.12.25 | s | 1 | | BH02 | 1 | 0.5 | | | | | | | x | | | | | |
| | | | | | | 1 | | | | | | | | ~ | | | | | |
| 9:1 | 5 03.12.25 | S | 1 | | BH02 | 2 | 1' | | | | | | | x | | | | | |
| | | | - | | 0.102 | 4 | | | | | | | | ^ | | | - | | |
| 9:3 | 0 03.12.25 | S | 1 | | BH02 | 3 | 2' | | | | | | | x | | | | | |
| | | | | | | 2 | - | | | | | | | <u>^</u> | | | | | |
| 9:3 | 5 03.12.25 | s s | 1 | | BH02 | U | 3' | | | | | | | x | | | | | |
| | | - | 250 | | | | | - | | | | | | | | | | | |
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| | | <u> </u> | | | | - | | 1 | | | | | | | | | | | |
| Addi | ional Instru | ictions: | | | | | | | | | | | | | | | | | |
| L (field | complar) ottac | t to the validit | by and author | nticity of this sample | e. I am aware that tampering with or intentionally mis | labelling the car | nnlalo | cation | | | Samples | requiri | ing thermal | preserva | tion mus | st be re | ceived on ice the da | v they are sam | pled or |
| | Construction of the second second | | 18.00.000 anto a a a a | d may be grounds fo | | siabening the sai | inple los | cation, | | | | | | | | | ess than 6 °C on sub | | |
| - | uished by: (Sig | | Date | Time | | Date | - | Time | | | SCONE! | 11111 | | 1: | b Use | o Onl | V | | |
| 1d | AVONHON | PARM | 10 03 | | 520 Adjuckter Signiturenzale | 8 3-12. | 15 | | 521 | 2 | Rocoi | hovi | on ice: | | / N | - 0111 | 1 | | and the second |
| Reline | lisher has (Sir | pature) | 1 Date | e Time | | Date | | Time | 00 | | Nece | iveu | on ice. | e | <i>y</i> is | | | | |
| 100 | uished by (Sig | Gonz | rles ? | | 700 danuar . | 3.13 | 12 | 1 | 70 | 0 | т1 | | | T2 | | | Т3 | | |
| | whed by: (Sig | 10 | Date | | | Date | | Time | | | 17 | <u>X775</u> | | 12 | | | | | |
| | | 4 | 3 | | 2300 hugh R Hell | 3-14- | 15 | 100000000 | E.P | | AVG | Tom | n°c l | 1 | | | | | |
| 17 | pour V | (. | | | | | | | 0.000 | | STORE AND ADDRESS OF ADDRESS | STATE PLANET | | or also | | VOA | | | |
| | | | | - Aqueous, O - Other | | Containe | | | | | | | | | | | he report for the | a analusi- | of the |
| | | | | | ed unless other arrangements are made. Haza by the laboratory with this COC. The liability of t | | | | | | | | | | expen | ise. I | ne report for th | ie analysis | orthe |
| above | samples is ap | pilcable only | ro mose s | amples received t | by the laboratory with this COC. The lability of t | ne laboratory | is mint | eu to | che all | Jount | paid 10 | n on t | che repor | | | | | | |
| | | | | | | | | | | | | C | 3 | | | | env | | |
| | | | | | | | | | | | | | 2 | | | E | : I I V | | OL |
| | | | | | | Page | 14 0 | 115 | | | | - | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Devon Energy - Carlsbad Da | te Received: | 03/14/25 | 04:30 | | Work Order ID: | E503100 |
|-----------|--|---------------|-----------------|-------------------|---------|----------------|---------------|
| Phone: | (575) 748-0176 Da | te Logged In: | 03/13/25 | 16:53 | | Logged In By: | Noe Soto |
| Email: | anna@etechenv.com Du | ie Date: | 03/20/25 | 17:00 (4 day TAT) | | | |
| Chain o | f Custody (COC) | | | | | | |
| | the sample ID match the COC? | | Yes | | | | |
| | the number of samples per sampling site location match | the COC | Yes | | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: | Courier | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | - | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | | Commen | ts/Resolution |
| Sample | Turn Around Time (TAT) | | | | | | |
| - | ne COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample | • | | | | | | |
| | sample cooler received? | | Yes | | | | |
| 8. If yes | , was cooler received in good condition? | | Yes | | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | e custody/security seals present? | | No | | | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | | | |
| | the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are recommunes of sampling o visible ice, record the temperature. Actual sample tem | ceived w/i 15 | Yes <u>C</u> | | | | |
| Sample | <u>Container</u> | | | | | | |
| 14. Are | aqueous VOC samples present? | | No | | | | |
| | VOC samples collected in VOA Vials? | | NA | | | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| | non-VOC samples collected in the correct containers? | | Yes | | | | |
| | e appropriate volume/weight or number of sample containers | collected? | Yes | | | | |
| Field La | | <i></i> | | | | | |
| | e field sample labels filled out with the minimum information Sample ID? | ation: | Yes | | | | |
| | Date/Time Collected? | | Yes | | | | |
| | Collectors name? | | Yes | | | | |
| Sample | Preservation | | | | | | |
| | s the COC or field labels indicate the samples were prese | rved? | No | | | | |
| | sample(s) correctly preserved? | | NA | | | | |
| 24. Is la | b filteration required and/or requested for dissolved meta | ls? | No | | | | |
| | ase Sample Matrix | | | | | | |
| | s the sample have more than one phase, i.e., multiphase? | | No | | | | |
| 27. If ye | s, does the COC specify which phase(s) is to be analyzed | 1? | NA | | | | |
| Subcont | tract Laboratory | | | | | | |
| | samples required to get sent to a subcontract laboratory? | | No | | | | |
| 29. Was | a subcontract laboratory specified by the client and if so | who? | NA | Subcontract La | b: NA | | |
| Client 1 | Instruction | | | | | | |

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503101

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503101 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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| | Sample Sum | | |
|-------------------------|------------------|-----------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | Bonovtadi |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:52 |

| Client Sample ID | Lab Sample ID Matrix | Sampled | Received | Container |
|------------------|----------------------|----------|----------|------------------|
| BH03 0.5' | E503101-01A Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH03 1' | E503101-02A Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH03 2' | E503101-03A Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH03 3' | E503101-04A Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |



| Reported: | |
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| 3/19/2025 10:52:27AN | |
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| : 2511074 | |
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| Artesia NM, 88210 Project Manager: Anna Byers 3/19/2025 BH03 1' E503101-02 Reporting Analyte Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: BA Batch: 25 Benzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 <th></th> <th>lla</th> <th></th> | | lla | |
|--|------------------------------------|----------------------------------|---|
| E503101-02 Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Mg/kg Analyst: BA Batch: 25 Benzene ND 0.0250 1 03/14/25 03/14/25 03/14/25 Coluene ND 0.0250 1 03/14/25 03/14/25 03/14/25 Osluene ND 0.0250 1 03/14/25 03/14/25 03/14/25 o-xylene ND 0.0250 1 03/14/25 03/14/25 03/14/25 p.m-Xylene ND 0.0250 1 03/14/25 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 103 % 70-130 03/14/25 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro | Project | 8-0007 Reported: | |
| Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: BA Batch: 25 Benzene ND 0.0250 1 03/14/25 03/14/25 Ethylbenzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4- | | | |
| Analyte Result Limit Dilution Prepared Analyzed Notes Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: BA Batch: 25 Benzene ND 0.0250 1 03/14/25 03/14/25 Ethylbenzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 nm-Xylene ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 <td< td=""><td></td><td></td><td></td></td<> | | | |
| Volatile Organics by EPA 8021B mg/kg mg/kg Analyst: BA Batch: 25 Benzene ND 0.0250 1 03/14/25 03/14/25 Ethylbenzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-filuorobenzene-FID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-filuorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-filuorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Diese | | | |
| Nonline Organics of Enry Work Benzene ND 0.0250 1 03/14/25 03/14/25 Ethylbenzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0250 1 03/14/25 03/14/25 Total Xylenes ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID ND 0.0250 1 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics (C10-C28) ND 25.0 1 03/14/25 03/14/25 Diesel Range Organics (C28-C36) ND | Resu | Dilution Prepared Analyzed Notes | |
| Durber ND 0.0250 1 03/14/25 03/14/25 Ethylbenzene ND 0.0250 1 03/14/25 03/14/25 Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0250 1 03/14/25 03/14/25 Total Xylenes ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 <td>y EPA 8021B mg/l</td> <td>Analyst: BA Batch: 2511074</td> <td>4</td> | y EPA 8021B mg/l | Analyst: BA Batch: 2511074 | 4 |
| Toluene ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0500 1 03/14/25 03/14/25 p,m-Xylene ND 0.0500 1 03/14/25 03/14/25 Total Xylenes ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nohalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Nohalogenated Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 0 | NE | 1 03/14/25 03/14/25 | |
| ND 0.0250 1 03/14/25 03/14/25 o-Xylene ND 0.0250 1 03/14/25 03/14/25 p,m-Xylene ND 0.0500 1 03/14/25 03/14/25 Total Xylenes ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Nonhalogenated Organics (C10-C28) ND 25.0 1 03/14/25 03/14/25 Diesel Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | NE | 1 03/14/25 03/14/25 | |
| ND 0.0200 1 03/14/25 03/14/25 p,m-Xylene ND 0.0500 1 03/14/25 03/14/25 Total Xylenes ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Nonhalogenated Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Dilesel Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | NE | 1 03/14/25 03/14/25 | |
| ND 0.0250 1 03/14/25 03/14/25 Surrogate: 4-Bromochlorobenzene-PID 103 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Nonhalogenated Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Diesel Range Organics (C28-C36) ND 25.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | NE | 1 03/14/25 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | NE | 1 03/14/25 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 25 Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | NĽ | 1 03/14/25 03/14/25 | |
| Gasoline Range Organics (C6-C10) ND 20.0 1 03/14/25 03/14/25 Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25: Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | ibenzene-PID | 70-130 03/14/25 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID 92.1 % 70-130 03/14/25 03/14/25 Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | ganics by EPA 8015D - GRO mg/J | Analyst: BA Batch: 2511074 | 4 |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: NV Batch: 25 Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Oil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | les (C6-C10) NE | 1 03/14/25 03/14/25 | |
| Diesel Range Organics (C10-C28) ND 25.0 1 03/14/25 03/15/25 Dil Range Organics (C28-C36) ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | orobenzene-FID | 70-130 03/14/25 03/14/25 | |
| ND 50.0 1 03/14/25 03/15/25 Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | ganics by EPA 8015D - DRO/ORO mg/l | Analyst: NV Batch: 2511079 | 9 |
| Surrogate: n-Nonane 107 % 61-141 03/14/25 03/15/25 | (C10-C28) NE | 1 03/14/25 03/15/25 | |
| | 28-C36) NE | 1 03/14/25 03/15/25 | |
| Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: JM Batch: 25 | | 61-141 03/14/25 03/15/25 | |
| | 0/9056A mg/l | Analyst: JM Batch: 2511080 | 0 |
| Chloride 333 20.0 1 03/14/25 03/14/25 | 333 | 1 03/14/25 03/14/25 | |



| | 5 | ampic D | ata | | | | |
|--|----------------|------------|--------------|----------|----------------|----------------------|--|
| Devon Energy - Carlsbad | Project Name: | | MCAT 8 FEDEF | RAL #001 | | | |
| 6488 7 Rivers Hwy | Project Number | | 58-0007 | | | Reported: | |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 3/19/2025 10:52:27AM | |
| | | BH03 2' | | | | | |
| | | E503101-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | | Batch: 2511074 | |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | | |
| o-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/14/25 | | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 03/14/25 | 03/14/25 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | Batch: 2511074 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 90.8 % | 70-130 | 03/14/25 | 03/14/25 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: NV | | Batch: 2511079 | |
| Diesel Range Organics (C10-C28) | 138 | 25.0 | 1 | 03/14/25 | 03/15/25 | | |
| Oil Range Organics (C28-C36) | 222 | 50.0 | 1 | 03/14/25 | 03/15/25 | | |
| Surrogate: n-Nonane | | 106 % | 61-141 | 03/14/25 | 03/15/25 | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2511080 | |
| Chloride | 495 | 20.0 | 1 | 03/14/25 | 03/14/25 | | |
| | | | | | | | |



| | b | ampic D | ala | | | |
|---|--|------------|-------------------------------------|----------|---|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Mana | ber: 010 | MCAT 8 FEDERA 58-0007 a Byers | | Reported: 3/19/2025 10:52:27A | |
| | | BH03 3' | | | | |
| | | E503101-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | | Batch: 2511074 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/14/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: BA | | Batch: 2511074 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.3 % | 70-130 | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 106 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: JM | | Batch: 2511080 |
| Chloride | 733 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



QC Summary Data

| Devon Energy - Carlsbad | | Project Name: | | OMCAT 8 FE | DERAL #0 | 001 | | | Reported: |
|-------------------------------------|-----------------|------------------|----------------|-----------------|----------|-------------|-------------|------------|----------------------|
| 6488 7 Rivers Hwy | | Project Number: | 01 | 058-0007 | | | | | |
| Artesia NM, 88210 | | Project Manager: | Aı | nna Byers | | | | | 3/19/2025 10:52:27AM |
| | | Volatile O | rganics b | oy EPA 802 | 21B | | | | Analyst: BA |
| Analyte | | Reporting | Spike | Source | | Rec | DDD | RPD | |
| | Result mg/kg | Limit mg/kg | Level mg/kg | Result mg/kg | Rec % | Limits % | RPD % | Limit % | Notes |
| DI L (2511074 DI 1/1) | | | | | | | D 10 | 2/14/25 | 1 1.02/14/25 |
| Blank (2511074-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | |
| Fotal Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.31 | | 8.00 | | 104 | 70-130 | | | |
| LCS (2511074-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Benzene | 5.31 | 0.0250 | 5.00 | | 106 | 70-130 | | | |
| Ethylbenzene | 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| Foluene | 5.26 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| p-Xylene | 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| o,m-Xylene | 10.5 | 0.0500 | 10.0 | | 105 | 70-130 | | | |
| Total Xylenes | 15.6 | 0.0250 | 15.0 | | 104 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.47 | | 8.00 | | 106 | 70-130 | | | |
| Matrix Spike (2511074-MS1) | | | | Source: | E503100- | 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Benzene | 5.04 | 0.0250 | 5.00 | ND | 101 | 54-133 | | | |
| Ethylbenzene | 4.88 | 0.0250 | 5.00 | ND | 97.6 | 61-133 | | | |
| Toluene | 4.98 | 0.0250 | 5.00 | ND | 99.6 | 61-130 | | | |
| p-Xylene | 4.86 | 0.0250 | 5.00 | ND | 97.2 | 63-131 | | | |
| o,m-Xylene | 9.92 | 0.0500 | 10.0 | ND | 99.2 | 63-131 | | | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | ND | 98.5 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.19 | | 8.00 | | 102 | 70-130 | | | |
| Matrix Spike Dup (2511074-MSD1) | | | | Source: | E503100- | 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Benzene | 5.30 | 0.0250 | 5.00 | ND | 106 | 54-133 | 4.92 | 20 | |
| Ethylbenzene | 5.13 | 0.0250 | 5.00 | ND | 103 | 61-133 | 4.92 | 20 | |
| Foluene | 5.23 | 0.0250 | 5.00 | ND | 105 | 61-130 | 4.92 | 20 | |
| p-Xylene | 5.11 | 0.0250 | 5.00 | ND | 102 | 63-131 | 4.90 | 20 | |
| | 10.4 | 0.0500 | 10.0 | ND | 104 | 63-131 | 4.91 | 20 | |
| o,m-Xylene | 15.5 | 0.0250 | 15.0 | ND | 104 | 63-131 | 4.91 | 20 | |



QC Summary Data

| | | QC D | uIIIII | ary Data | a | | | | | | |
|---|--------|--|----------------|---|-----------|---------------|-------------|--------------|--|--|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | TOMCAT 8 FEDERAL #001 01058-0007 Anna Byers | | | | | Reported: 3/19/2025 10:52:27AN | | |
| | Noi | nhalogenated C | | | 15D - GI | RO | | | Analyst: BA | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | |
| Blank (2511074-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.22 | | 8.00 | | 90.2 | 70-130 | | | | | |
| LCS (2511074-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 | | |
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | | 86.4 | 70-130 | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.25 | | 8.00 | | 90.7 | 70-130 | | | | | |
| Matrix Spike (2511074-MS2) | | | | Source: | E503100-(| 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 | | |
| Gasoline Range Organics (C6-C10) | 41.6 | 20.0 | 50.0 | ND | 83.3 | 70-130 | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 | | 8.00 | | 93.6 | 70-130 | | | | | |
| Matrix Spike Dup (2511074-MSD2) | | | | Source: | E503100-(| 03 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 | | |
| Gasoline Range Organics (C6-C10) | 42.5 | 20.0 | 50.0 | ND | 85.1 | 70-130 | 2.16 | 20 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | | | |



QC Summary Data

| | | QC D | umm | aly Data | a | | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|--|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 0 | TOMCAT 8 FEDERAL #001 01058-0007 Anna Byers | | | | Reported: 3/19/2025 10:52:27AM | | |
| | Nonh | alogenated Org | anics by | EPA 8015I |) - DRO | /ORO | | | Analyst: NV | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes | |
| Blank (2511079-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 | |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | | |
| LCS (2511079-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 | |
| Diesel Range Organics (C10-C28) | 246 | 25.0 | 250 | | 98.3 | 66-144 | | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | | |
| Matrix Spike (2511079-MS1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 | |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 61-141 | | | | |
| Matrix Spike Dup (2511079-MSD1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 | |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 0.820 | 20 | | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 61-141 | | | | |



QC Summary Data

| | | QU N | | | | | | | | |
|---|-----------------|--|-------------------------|---|-----------|--------------------|-------------|-------------------|--|----|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | | TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:52:27 | AM |
| | | Anions | by EPA | 300.0/9056A | 4 | | | | Analyst: JM | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes | |
| Blank (2511080-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | |
| Chloride | ND | 20.0 | | | | | | | | |
| LCS (2511080-BS1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | | |
| Matrix Spike (2511080-MS1) | | | | Source: | E503101-(| 01 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | |
| Chloride | 462 | 20.0 | 250 | 191 | 108 | 80-120 | | | | |
| Matrix Spike Dup (2511080-MSD1) | | | | Source: | E503101-(| 01 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 | |
| Chloride | 466 | 20.0 | 250 | 191 | 110 | 80-120 | 0.927 | 20 | | |
| | | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Deve | on Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|------|----------------------|------------------|-----------------------|----------------|
| 6488 | 3 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Arte | sia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:52 |

| ND Analyte NOT DETECTED at or above the | e reporting limit |
|---|-------------------|
|---|-------------------|

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Project Information

Received by OCD: 6/6/2025 10:45:55 AM

| | Client: D | evon Ener | gy Produ | iction Coi | mpany, LP | Bill To | | | | L | ab Us | se Or | ıly | | 1 | | ГАТ | | EPA P | rogram |
|---|---------------------|-----------------|------------------|----------------------|------------------------|--|---------------------|------------|--------------------|------------------|----------|-------------|----------------|------------------|--------------|----------|-----------|-----------------------------|----------------|--------------|
| Project: TOMCAT 8 FEDERAL #001 Attention: Jim Raley | | | A | Lab | WO | 1.1 | | Job Number | | 1D 2D 3D Standar | | | tandard | CWA | SDWA | | | | | |
| × | | Aanager: | | | | Address: 5315 Buena Vista Dr. | See Prove | | | 5101 | | The second | | T000- | 1994 C 2 | 1 5 8 | _ | day TAT | | 2 |
| | | 13000 W | | | 1. 1. 10 | City, State, Zip: Carlsbad, NM, 88 | 220 | | 2 | S A | | | | nd Metho | d 1 | | | | 57.39.7 | RCRA |
| - L | | e, Zip_Od | | | | Phone: 575-885-7502 | | 1 | | T | | | | | 12.6 | 1 | 1 | a set of a low offer | 14.00 | |
| - | - | 32-305-64 | | | 1 1.1.1 | Email: jim.raley@dvn.com | | 1.00 | 8015 | 1 | 1.1 | | | | 1-1- | | | | State | 1000 |
| | 110 Karlin (2 Karl) | MTXGeoG | CHILL PLOCE | techenv.o | com | WBS: 1061476201 - NM Permian | Abandon | 103 | by 8 | | 1.0 | | 110 | | | | | NM CO | UT AZ | TX |
| ł | | | | | | Incident ID: nKL1622549584 | | 13 | RO | 1 | 1.2.1 | 1.0 | 1 | | 19.5 | | | | | |
| ł | Project # | : 19305 | | | | | | 100 | 0/0 | - | 13. | 199 | 0. | nu cier | MN | 1 | | | 21.0 | 1.1 |
| ľ | Collected | by: Hale | igh Blum | e | | | | - | D/DR | 802 | 8260 | 010 | 300 | - 1 | | Ĭ | | × | | 1 |
| | Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | Lab Number | Depth(ft.) | TPH GRO/DRO/ORO by | BTEX by 802. | VOC by 8 | Metals 6010 | Chloride 300.0 | | BGDOC | GDOC | | | Remarks | |
| | 10:05 | 03.12.25 | S | 1 | | BH03 | Number | 0.5 | | | > | 2 | 0 | 7 | x | 0 | - | | | |
| ł | | | | | | | 1 | | - | | | | | | | - | - | | | |
| | 10:10 | 03.12.25 | S | 1 | | BH03 | 4 | 1' | | | - | | | | x | - | | | | |
| | 10:25 | 03.12.25 | S | 1 | | BH03 | 3 | 2' | 1 | | | | | | х | 1 | | | | |
| | 10:30 | 03.12.25 | S | 1 | | BH03 | 4 | 3' | | | | | | | x | | | | | |
| Ī | | | | | | | | | | | | | | | | | | | | |
| | | | - | | | | | | | 1 | | | | | | - | - | | | |
| | | | | | | | | | | | | - | | | | - | | | | |
| | | | | | | | | | 1 | - | | | | | | - | | - | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | | | | | | | | |
| ł | | - | | | | | | | | 1 | | | | | | | | | | |
| | Additior | al Instruc | tions: | | 1 | | - Internet | 1 | | 1 | | <u> </u> | | | | | _ | | | |
| | I, (field sam | pler), attest t | o the validit | y and auther | nticity of this sample | e. I am aware that tampering with or intentionally m | islabelling the san | nple loo | cation, | | | Sampl | les requi | iring thermal | preservation | must be | receive | ed on ice the day | y they are sam | pled or |
| I | | | | | I may be grounds fo | | | | | | | receiv | ed pack | red in ice at ar | avg temp a | bove 0 b | ut less t | han 6 ^o C on sub | sequent days. | |
| ł | Relinquish | ed by: (Sign | ature), | Date | Time | 17/1 2 18 144 27 1 | Date | | Time | | | 14 19 19 | The state | All Sales | Lab | Use C | nly | | | |
| | | oih | 12 Un | NO 03 | 11212025 1 Time | 520 Manufe goinged | 3-12. | 25 | 11 | 52 | 0 | Rec | eived | d on ice: | (Y) | | | | | |
| ł | | ed av: (Sign | ature) | Date Date | Time | Received by: Signature | 0.1 | i presi | | e | | | | | <u> </u> | | | | | |
| | v Aich | ed by: (Sign | Tonga | les 3- | 13-25 1 | 700 chem M. | Date 3.13 | .25 | IT | 20 | C | T1 | | | T2 | | | Т3 | | |
| ł | Relinquist | ed by: (Sign | ature) | Date | | | Date | 1 44.00 | Time | | <u> </u> | | | | | | | | | |
| | 11 | 11 | / | 2 | 1378 1 | 300 Kulin IL Hall | 3-14 | 76 | - | 24- | 20 | AVG | Tem | np °C | 1 | | | | | |
| 1 | Sample Ma | w Of | d. Solid Ca | - Sludgo A | Aqueous, O - Other | | Containe | Tunc | - | - 12 | _ | | | ag - amb | or glace | - 10 | Δ | | | A CONTRACTOR |
| ł | | | | | | ed unless other arrangements are made. Haza | | | | | | | | | | | | report for th | e analysis / | of the |
| 1 | | • 010 1.10 | | | | by the laboratory with this COC. The liability of | | | | | | | | | | pense. | me | . eportion th | ie unurysis (| , the |
| | | | an on the Petrol | | | | | | | | | | | 0 | | | | | | |
| | | | | | | | | | | | | | | 2 | | | 3 | nv | | 01 |
| | | | | | | | Page | 14 c | of 15 | 5 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |



Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Devon Energy - Carlsbad Da | te Received: | 03/14/25 | 04:30 | Work Order ID: | E503101 | |
|----------------|--|-----------------------|----------|-------------------|---------------------|----------|--|
| Phone: | (575) 748-0176 Da | te Logged In: | 03/13/25 | 16:56 | Logged In By: | Noe Soto | |
| Email: | | ie Date: | | 17:00 (4 day TAT) | | | |
| <u>Chain o</u> | f Custody (COC) | | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: Courier | | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Comments/Resolution | | |
| Sample | <u>Turn Around Time (TAT)</u> | | | | | | |
| 6. Did th | ne COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample | Cooler | | | | | | |
| 7. Was a | a sample cooler received? | | Yes | | | | |
| 8. If yes | , was cooler received in good condition? | | Yes | | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | e custody/security seals present? | | No | | | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | | | |
| 12. Was 1 | the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are rea | | Yes | | | | |
| | minutes of sampling | | ~ | | | | |
| 13. If no | o visible ice, record the temperature. Actual sample tem | nperature: <u>4</u> ° | <u>C</u> | | | | |
| | Container | | | | | | |
| | aqueous VOC samples present? | | No | | | | |
| | VOC samples collected in VOA Vials? | | NA | | | | |
| | e head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| | non-VOC samples collected in the correct containers? | 11 . 10 | Yes | | | | |
| | e appropriate volume/weight or number of sample containers | collected? | Yes | | | | |
| Field La | | . | | | | | |
| | e field sample labels filled out with the minimum inform. Sample ID? | ation: | Yes | | | | |
| | Date/Time Collected? | | Yes | | | | |
| | Collectors name? | | Yes | | | | |
| <u>Sample</u> | Preservation | | | | | | |
| 21. Does | s the COC or field labels indicate the samples were prese | rved? | No | | | | |
| | sample(s) correctly preserved? | | NA | | | | |
| 24. Is la | b filteration required and/or requested for dissolved meta | ls? | No | | | | |
| <u>Multiph</u> | ase Sample Matrix | | | | | | |
| 26. Doe | s the sample have more than one phase, i.e., multiphase? | | No | | | | |
| 27. If ye | es, does the COC specify which phase(s) is to be analyzed | 1? | NA | | | | |
| Subcont | tract Laboratory | | | | | | |
| 28. Are | samples required to get sent to a subcontract laboratory? | | No | | | | |
| | • | | | | | | |

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503103

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503103 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com





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| BH04 2' | 7 |
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| Sample Summary |
|----------------|
|----------------|

| | | Sample Sum | mai y | | | |
|---|---------------|--|---|-----------|---------------------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | TOMCAT 8 FEDE 01058-0007 Anna Byers | ERAL #001 | Reported: 03/19/25 10:20 | |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container | |
| BH04 0.5' | E503103-01A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. | |
| BH04 1' | E503103-02A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. | |
| BH04 2' | E503103-03A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. | |
| BH04 3' | E503103-04A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. | |



| | S | Sample D | ata | | | | |
|--|--------------|------------|-----------|------------|----------|----------------|----------------------|
| Devon Energy - Carlsbad | Project Name | e: TON | MCAT 8 FE | DERAL | #001 | | |
| 6488 7 Rivers Hwy | Project Num | ber: 010 | 58-0007 | | | | Reported: |
| Artesia NM, 88210 | Project Mana | ager: Ann | a Byers | | | | 3/19/2025 10:20:50AM |
| | | BH04 0.5' | | | | | |
| | | E503103-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | tion | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: | BA | Batch: 2511073 | |
| Benzene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | |
| Toluene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | |
| o-Xylene | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | | 03/14/25 | 03/14/25 | |
| Total Xylenes | ND | 0.0250 | 1 | | 03/14/25 | 03/14/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 03/14/25 | 03/14/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.6 % | 70-130 | | 03/14/25 | 03/14/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 108 % | 61-141 | | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: . | JM | | Batch: 2511080 |
| Chloride | ND | 20.0 | 1 | | 03/14/25 | 03/14/25 | |





| | 0 | ampie D | ala | | | |
|---|--|------------|--------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numl Project Mana | ber: 010 | MCAT 8 FEDERA 58-0007 1a Byers | AL #001 | | Reported: 3/19/2025 10:20:50AM |
| | | BH04 1' | | | | |
| | | E503103-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.3 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 108 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: JM | | Batch: 2511080 |
| Chloride | 35.0 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |


| | 0 | ampie D | ala | | | |
|---|--|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numl Project Mana | ber: 010 | MCAT 8 FEDERA 58-0007 a Byers | AL #001 | | Reported: 3/19/2025 10:20:50AM |
| | | BH04 2' | | | | |
| | | E503103-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.8 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 104 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2511080 |
| Chloride | 38.0 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | impre D | | | | |
|---------------|---|--|--|---|--|
| Project Name: | TO | ACAT 8 FEDERA | L #001 | | |
| Project Numbe | er: 010: | 58-0007 | Reported: | | |
| Project Manag | ger: Ann | a Byers | 3/19/2025 10:20:50AM | | |
| | BH04 3' | | | | |
| | E503103-04 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| | 100 % | 70-130 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| | 94.5 % | 70-130 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: NV | | Batch: 2511079 |
| ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| | 106 % | 61-141 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: JM | | Batch: 2511080 |
| 305 | | | | | |
| | Project Name: Project Numbo Project Manage Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: TON Project Number: 0105 Project Manager: Ann Project Manager: Ann BH04 3' E503103-04 E503103-04 Imit Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 mg/kg mg/kg Mg/kg Mg/kg ND 25.0 ND 50.0 ND 50.0 | Project Number: 01058-0007 Project Manager: Anna Byers BH04 3' E503103-04 E503103-04 Reporting Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analys ND 20.0 1 MD 25.0 1 ND 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 | TOMCAT 8 FEDERAL #001 Project Namber: 01058-0007 Project Manager: Anna Byers BH04 3' State Result Limit Dilution Prepared Mg/kg mg/kg Analyst: BA ND 0.0250 1 03/14/25 ND 0.0250 1 03/14/25 ND 20.0 1 03/14/25 ND 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 25.0 1 03/ | I TOMCAT 8 FEDERAL #001 Project Name: $01058-0007$ Project Manager: Anna Byers BH04 3' E503103-04 F503103-04 Dilution Prepared Analyzed Result Limit Dilution Prepared Analyzed Mg/kg mg/kg Analyst: BA Mund 0.0250 1 03/14/25 03/15/25 ND 0.0250 1 03/14/25 03/15/25 03/15/25 ND 0.0250 1 03/14/25 03/15/25 ND 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 03/15/25 MD 25.0 1 |



QC Summary Data

| | | <u> </u> | | v | | | | | |
|---|----------------------|----------------------------------|----------------------|-------------------------|---------------------|----------------------------|-------------------------|----------------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | OMCAT 8 FE 1058-0007 | DERAL #0 | 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | A | nna Byers | | | | | 3/19/2025 10:20:50AM |
| | | Volatile O | rganics l | oy EPA 802 | 21B | | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511073-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | ND | 0.0250 | | | | | - | | · · |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.31 | | 8.00 | | 104 | 70-130 | | | |
| LCS (2511073-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| Ethylbenzene | 4.88 | 0.0250 | 5.00 | | 97.6 | 70-130 | | | |
| Toluene | 4.98 | 0.0250 | 5.00 | | 99.6 | 70-130 | | | |
| o-Xylene | 4.87 | 0.0250 | 5.00 | | 97.5 | 70-130 | | | |
| p,m-Xylene | 9.92 | 0.0500 | 10.0 | | 99.1 | 70-130 | | | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | | 98.6 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.30 | | 8.00 | | 104 | 70-130 | | | |
| Matrix Spike (2511073-MS1) | | | | Source: | E503103-(|)1 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | 5.13 | 0.0250 | 5.00 | ND | 103 | 54-133 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-133 | | | |
| Toluene | 5.06 | 0.0250 | 5.00 | ND | 101 | 61-130 | | | |
| o-Xylene | 4.95 | 0.0250 | 5.00 | ND | 99.0 | 63-131 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 100 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | |
| Matrix Spike Dup (2511073-MSD1) | | | | Source: | E503103-(|)1 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| (10110) (1010) (1010) | | | | | | | | | |
| | 5.10 | 0.0250 | 5.00 | ND | 102 | 54-133 | 0.560 | 20 | |
| Benzene | 5.10 4.93 | 0.0250 0.0250 | 5.00 5.00 | ND ND | 102 98.7 | 54-133 61-133 | 0.560 0.562 | 20 20 | |
| Benzene Ethylbenzene | | | | | | | | | |
| Benzene Ethylbenzene Toluene | 4.93 | 0.0250 | 5.00 | ND | 98.7 | 61-133 | 0.562 | 20 | |
| Benzene Ethylbenzene Toluene o-Xylene | 4.93 5.04 | 0.0250 0.0250 | 5.00 5.00 | ND ND | 98.7 101 | 61-133 61-130 | 0.562 0.581 | 20 20 | |
| Benzene Ethylbenzene Toluene o-Xylene p.m-Xylene Total Xylenes | 4.93 5.04 4.91 | 0.0250 0.0250 0.0250 | 5.00 5.00 5.00 | ND ND ND | 98.7 101 98.3 | 61-133 61-130 63-131 | 0.562 0.581 0.704 | 20 20 20 | |



QC Summary Data

| | | QC D | umme | ii y Data | a | | | | |
|---|--------|--|----------------|--------------------------------------|-----------|---------------|--------------|--------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | 01 | OMCAT 8 FE .058-0007 nna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:20:50AM |
| 7 Heshi 111, 0210 | Nor | halogenated (| | • | 15D - GI | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511073-BLK1) | | | | | | | Prepared: 02 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.37 | | 8.00 | | 92.1 | 70-130 | | | |
| LCS (2511073-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 44.0 | 20.0 | 50.0 | | 88.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.9 | 70-130 | | | |
| Matrix Spike (2511073-MS2) | | | | Source: | E503103-0 | 01 | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 41.0 | 20.0 | 50.0 | ND | 82.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | |
| Matrix Spike Dup (2511073-MSD2) | | | | Source: | E503103-0 | 01 | Prepared: 0. | 3/14/25 A | nalyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | | | 50.0 | ND | 06.2 | 70.120 | 16.0 | 20 | |
| Gasonne Range Organics (Co-C10) | 48.1 | 20.0 | 50.0 | ND | 96.2 | 70-130 | 10.0 | 20 | |



QC Summary Data

| | | QC D | u 111 111 | ary Data | a | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | (| TOMCAT 8 FE 01058-0007 Anna Byers | DERAL # | 001 | | | Reported: 3/19/2025 10:20:50AM |
| | Nonh | alogenated Org | anics by | y EPA 8015I |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511079-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | |
| LCS (2511079-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 246 | 25.0 | 250 | | 98.3 | 66-144 | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | |
| Matrix Spike (2511079-MS1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 61-141 | | | |
| Matrix Spike Dup (2511079-MSD1) | | | | Source: | E503096- | 01 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 0.820 | 20 | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | $\chi \sim \sim$ | •••••• | J = | | | | | |
|---|-----------------|---|-------------------------|---|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager | (| TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(|)01 | | | Reported: 3/19/2025 10:20:50AM |
| | | Anions | by EPA | 300.0/90564 | 4 | | | | Analyst: JM |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511080-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Chloride LCS (2511080-BS1) | ND | 20.0 | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2511080-MS1) | | | | Source: | E503101- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Chloride | 462 | 20.0 | 250 | 191 | 108 | 80-120 | | | |
| Matrix Spike Dup (2511080-MSD1) | | | | Source: | E503101- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Chloride | 466 | 20.0 | 250 | 191 | 110 | 80-120 | 0.927 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| Γ | Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|---|-------------------------|------------------|-----------------------|----------------|
| | 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| | Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:20 |

| ND Analyte NOT DETECTED at or above the rep | porting limit |
|---|---------------|
|---|---------------|

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Release Project Information

| 1 | Client: D | evon Ener | gy Produ | uction Co | mpany, LP | | Bill To | | and the second | | La | b Us | e On | ly | Action 1 | | | TA | ٩T | EPA P | rogram |
|---|-------------------------|-----------------------------------|-----------------------------|--|---------------------------|--|---|--------------------|----------------|-------------------------|--------------|----------|--|---------------------------|-------------|-----------|--------|-------|-----------------------|-------------|-------------------|
| | | TOMCAT 8 | | | n officer and | Att | ention: Jim Raley | | Lab | WO# | ŧ | | 1 dol | Num | ber | 1D | 2D | 3D | Standard | CWA | SDWA |
| - | | Aanager: A | | 22-14-20-20-14-20-20-20-20-20-20-20-20-20-20-20-20-20- | | | dress: 5315 Buena Vista Dr. | | | | 103 | 5 | 010 | 58 | 0007 | | | | 5 day TAT | | -1. T 3 |
| , | Address: | 13000 W | County I | Rd 100 | 1 | Cit | y, State, Zip: Carlsbad, NM, 882 | 220 | TR. VO | 1115 | 100 | | | | d Metho | bd | | | | 1.1.1 | RCRA |
| (| City, Stat | e, Zip_Od | essa,TX, | 79765 | | Ph | one: 575-885-7502 | | 184 | | | | | | 100 | | | | | Dest inte | |
| | | 32-305-64 | | | 124 | Em | ail: jim.raley@dvn.com | A | | 015 | 00.2 | | | | 199 | 14 | | 2.1 | | State | |
| | | MTXGeoG | | techenv. | com | | 3S: 1061476201 - NM Permian | Abandon | 100 | by 8 | Sam | | | | | | | | NM CO | UT AZ | TX |
| • | | 1 | | | a ware a state of | Contraction of the local division of the loc | ident ID: nKL1622549584 | 11-6 | | RO | Sec. 1 | | | | | | 1.1 | | | | |
| | roject # | : 19305 | | | | | | | 1 | 0/0 | _ | | | 0 | 1.1 | MN | | | | | |
| | Collected | l by: Halei | gh Blum | е | | There - | | | | /DR | 802 | 8260 | 010 | 300 | | | | ¥ | | | |
| | Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab | Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8 | Metals 6010 | Chloride 300.0 | 61 | BGDOC | 1 | GDOC | | Remarks | ; |
| | 11:00 | 03.12.25 | S | | | | BH04 | Number | 0.5 | 1 | 8 | > | Σ | Ċ | | | | 9 | | | |
| | 11:00 | 03.12.25 | 3 | 1 | | | ВН04 | | 0.5 | | | | | | | X | - | | | | |
| | 11:05 | 03.12.25 | S | 1 | | | BH04 | 2 | 1' | | | | | | | х | | | | | |
| | 11:20 | 03.12.25 | S | 1 | | | BH04 | 3 | 2' | | | | | | | x | | | | | |
| | 11:25 | 03.12.25 | S | 1 | | | BH04 | U | 3' | | | | | | | x | | | | | |
| | | | | | | | | | | | | | | - | | - | - | - | | | |
| | | | 11 | | | | | | - | | | | | | | - | | | | | |
| | | | | | | | | | 21 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | P | | | | | |
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| | 0.18 | | | | | | | THE REAL | | | | | | | | +- | | | | | |
| | | | | | | | | | | - | | _ | | | | + | - | - | | | |
| | | | | | | | | a statistical | | | | | | | | | | | | | |
| P | ddition | al Instruc | tions: | | | | | | The second | | | | | | | | | | | | |
| 2 | | Contraction and the second second | | | | 604964 (J.2064A)(D.2065)(266 | re that tampering with or intentionally mi | slabelling the sar | mple loo | cation, | | | | | | | | | received on ice the d | | |
| | 22-22-2-2-22-22-200 | Conference of Source and A | In some seen to all seen to | | d may be grounds | | | | 1 | 1 | | | . COCIVE | -a packe | comice of a | | | | | | the second second |
| | elinquish | ed by: (Sign | ature) | Date | | | Received by: (Signature) Vichele Gonzale | Date 2.17 | 15 | Time | | 5 | C. Canada | | | | | se Or | ıly | | |
| | Mal | eight | elun | RE US | 215170421 | 1520 | | | 23 | | 520 | - | Rece | eived | on ice: | 5 | 0/ N | 1 | | | |
| F | enquist | वायल | owegn | les Date | -13-25 Tin | 1700 | Received by: (Signature) | Date 12 | 27 | Time | 17 | 20 | | | | | | | | | |
| | | | • |) | 12.47 | 100 | parken M. | ·~ | 1.45 | - | 11 | 20 | <u>T1</u> | | 1.16 | <u>T2</u> | - JEN | | <u> </u> | | |
| R | elinquish | d by (Sign | ature) | Date | · 12 0 | he | Received by: (Signature) | Date | | Time | | | | | | | | | | | |
| 2 | Shil | m 1 | М. | 13 | .13.18 | 2300 | May 12 Hell | 3-14 | 25 | - | 43 | \sim | 12 10 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20 | Contraction of the second | np °C | 4 | | 202 | | | A The State |
| | | | Contraction of the second | Description of the state of the | - Aqueous, O - Oth | | | Containe | | | | | | | | | | | | | 1.5 |
| | | | | | | | other arrangements are made. Haza | | | | | | | | | | nt exp | ense. | The report for t | he analysis | of the |
| | bove sam | ples is appli | cable only | to those s | amples received | d by the labo | pratory with this COC. The liability of t | the laboratory | is limit | ed to | the am | nount | paid f | for on | the repo | rt. | | | | 19:00 | 1. 19 |
| | | | | | | | | | | | | | | | F . | | | | | • | |
| | | | | | | | | | | | | | | | 3 | | | C | anv | | 01 |
| | | | | | | | | Page | 14 0 | £ 15 | | | | | | | | 6 | en | | |
| | | | | | | | | i aye | 1 - 0 | 15 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Devon Energy - Carlsbad Dat | e Received: | 03/14/25 | 04:30 | Work Order | ID: | E503103 |
|-----------------|--|---------------------|------------|---------------------|-------------|-----|---------------|
| Phone: | (575) 748-0176 Dat | e Logged In: | 03/13/25 | 17:04 | Logged In E | y: | Noe Soto |
| Email: | anna@etechenv.com Due | e Date: | 03/20/25 | 17:00 (4 day TAT) | | • | |
| Chain of | f Custody (COC) | | | | | | |
| 1. Does t | the sample ID match the COC? | | Yes | | | | |
| | the number of samples per sampling site location match the | ne COC | Yes | | | | |
| 3. Were s | samples dropped off by client or carrier? | | Yes | Carrier: Courie | r | | |
| 4. Was th | ne COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | _ | | |
| 5. Were a | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | field, | Yes | | Com | men | ts/Resolution |
| Sample ' | Turn Around Time (TAT) | | | | | | |
| | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample | | | | | | | |
| | sample cooler received? | | Yes | | | | |
| | was cooler received in good condition? | | Yes | | | | |
| 9. Was th | ne sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| | s, were custody/security seals intact? | | NA | | | | |
| - | he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are reco | | Yes | | | | |
| 13. If no | minutes of sampling visible ice, record the temperature. Actual sample tem | perature: <u>4°</u> | <u>C</u> | | | | |
| Sample (| <u>Container</u> | | | | | | |
| 14. Are a | aqueous VOC samples present? | | No | | | | |
| 15. Are V | VOC samples collected in VOA Vials? | | NA | | | | |
| 16. Is the | e head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| 17. Was a | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| 18. Are r | non-VOC samples collected in the correct containers? | | Yes | | | | |
| 19. Is the | appropriate volume/weight or number of sample containers of | collected? | Yes | | | | |
| <u>Field La</u> | bel | | | | | | |
| | field sample labels filled out with the minimum informa | tion: | _ | | | | |
| | Sample ID? | | Yes | | | | |
| | Date/Time Collected? Collectors name? | | Yes Yes | | | | |
| | Preservation | | 105 | | | | |
| _ | the COC or field labels indicate the samples were preser | ved? | No | | | | |
| | sample(s) correctly preserved? | | NA | | | | |
| | o filteration required and/or requested for dissolved metal | s? | No | | | | |
| | ase Sample Matrix | | | | | | |
| | the sample have more than one phase, i.e., multiphase? | | No | | | | |
| | s, does the COC specify which phase(s) is to be analyzed | ? | NA | | | | |
| | ract Laboratory | | | | | | |
| | samples required to get sent to a subcontract laboratory? | | No | | | | |
| | a subcontract laboratory specified by the client and if so | vho? | NA | Subcontract Lab: NA | | | |
| | a substitution appointed by the effect dily in SU | | 1 N / N | | | | |

Date

Signature of client authorizing changes to the COC or sample disposition.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503102

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503102 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com





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| | | Sample Sum | mary | |
|--|---------------|----------------------------------|-------------------------------------|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | TOMCAT 8 FEDERAL #001 01058-0007 | Reported: |
| Artesia NM, 88210 | | Project Manager: | Anna Byers | 03/19/25 10:17 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled Received | Container |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH02 4' | E503102-01A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH03 4' | E503102-02A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH04 4' | E503102-03A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |

| | Di | ample D | ลเล | | | | |
|--|--------------------------------|------------|----------------------|----------------------|----------|----------|----------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | Project Name: Project Numbe | | 4CAT 8 FE 58-0007 | EDERAI | L #001 | | Reported: |
| Artesia NM, 88210 | Project Manag | | a Byers | 3/19/2025 10:17:43AN | | | |
| | | BH02 4' | | | | | |
| | | E503102-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | | | Batch: 2511073 |
| Benzene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/14/25 | 03/15/25 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.4 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 109 % | 61-141 | | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | JM | | Batch: 2511080 |
| Chloride | 94.7 | 20.0 | | 1 | 03/14/25 | 03/14/25 | |



| | | ata | | | |
|---------------|--|--|--|--|---|
| Project Name: | : TON | ACAT 8 FEDERA | L #001 | | |
| Project Numb | er: 010 | 58-0007 | | Reported: | |
| Project Manag | ger: Ann | a Byers | 3/19/2025 10:17:43AN | | |
| | BH03 4' | | | | |
| | E503102-02 | | | | |
| | Reporting | | | | |
| Result | Limit | Dilution | Prepared | Analyzed | Notes |
| mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| | 101 % | 70-130 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| | 93.5 % | 70-130 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: NV | | Batch: 2511079 |
| ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| | 106 % | 61-141 | 03/14/25 | 03/15/25 | |
| mg/kg | mg/kg | Analys | t: JM | | Batch: 2511080 |
| | | | | | |
| | Project Name Project Numb Project Manaş Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND | Project Name: TON Project Number: 0102 Project Manager: Ann BH03 4' E503102-02 Result Limit mg/kg mg/kg ND 0.0250 ND 20.0 93.5 % mg/kg MD 25.0 ND 50.0 ND 50.0 | Project Number: 01058-0007 Project Manager: Anna Byers BH03 4' E503102-02 Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 20.0 1 mg/kg mg/kg Analys ND 20.0 1 MD 25.0 1 ND 50.0 1 ND 50.0 1 ND 50.0 1 <td>Project Name: TOMCAT 8 FEDERAL #001 Project Number: 01058-0007 Project Manager: Anna Byers BH03 4' E503102-02 BE03 4' E503102-02 Result Dilution Prepared Mp/kg mg/kg Analyst: BA ND 0.0250 1 03/14/25 ND 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 25.0 1 03/14/25 MD 25.0 1 03/14/25 MD 25.0 1 03/14/25</td> <td>Project Name: TOMCAT 8 FEDERAL #001 Project Number: 01058-0007 Project Manager: Anna Byers BH03 4' E503102-02 Reporting Result Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 03/14/25 03/15/25 ND 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25<!--</td--></td> | Project Name: TOMCAT 8 FEDERAL #001 Project Number: 01058-0007 Project Manager: Anna Byers BH03 4' E503102-02 BE03 4' E503102-02 Result Dilution Prepared Mp/kg mg/kg Analyst: BA ND 0.0250 1 03/14/25 ND 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 20.0 1 03/14/25 MD 25.0 1 03/14/25 MD 25.0 1 03/14/25 MD 25.0 1 03/14/25 | Project Name: TOMCAT 8 FEDERAL #001 Project Number: 01058-0007 Project Manager: Anna Byers BH03 4' E503102-02 Reporting Result Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 03/14/25 03/15/25 ND 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 03/15/25 MD 20.0 1 03/14/25 </td |



| | D | | ata | | | |
|--|--------------|------------|---------------|----------------------|-----------|----------------|
| Devon Energy - Carlsbad | Project Name | e: TON | MCAT 8 FEDERA | L #001 | | |
| 6488 7 Rivers Hwy | Project Numb | ber: 010 | 58-0007 | | Reported: | |
| Artesia NM, 88210 | Project Mana | iger: Ann | a Byers | 3/19/2025 10:17:43AM | | |
| | | BH04 4' | | | | |
| | | E503102-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Foluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.9 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2511079 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 109 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2511080 |
| Chloride | 449 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



QC Summary Data

| | | <u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | | ng Dut | | | | | | | | |
|--|--------------|--|----------------|-------------------------|-------------|------------------|----------------|--------------|----------------------|--|--|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | OMCAT 8 FE 1058-0007 | DERAL #0 | 001 | | | Reported: | | | |
| Artesia NM, 88210 | | Project Manager: | | nna Byers | | | | | 3/19/2025 10:17:43AM | | | |
| | | Volatile O | rganics l | by EPA 802 | 21B | | | | Analyst: BA | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | | |
| Blank (2511073-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 | | | |
| Benzene | ND | 0.0250 | | | | | • | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.31 | 0.0200 | 8.00 | | 104 | 70-130 | | | | | | |
| LCS (2511073-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 | | | |
| Benzene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | | | | |
| Ethylbenzene | 4.88 | 0.0250 | 5.00 | | 97.6 | 70-130 | | | | | | |
| Toluene | 4.98 | 0.0250 | 5.00 | | 99.6 | 70-130 | | | | | | |
| o-Xylene | 4.87 | 0.0250 | 5.00 | | 97.5 | 70-130 | | | | | | |
| p,m-Xylene | 9.92 | 0.0500 | 10.0 | | 99.1 | 70-130 | | | | | | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | | 98.6 | 70-130 | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.30 | | 8.00 | | 104 | 70-130 | | | | | | |
| Matrix Spike (2511073-MS1) | | | | Source: | E503103-(| 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 | | | |
| Benzene | 5.13 | 0.0250 | 5.00 | ND | 103 | 54-133 | | | | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-133 | | | | | | |
| Toluene | 5.06 | 0.0250 | 5.00 | ND | 101 | 61-130 | | | | | | |
| o-Xylene | 4.95 | 0.0250 | 5.00 | ND | 99.0 | 63-131 | | | | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 100 | 63-131 | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | | | | |
| Matrix Spike Dup (2511073-MSD1) | | | | Source: | E503103-(| 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 | | | |
| Benzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 54-133 | 0.560 | 20 | | | | |
| E.4. 11 | 4.93 | 0.0250 | 5.00 | ND | 98.7 | 61-133 | 0.562 | 20 | | | | |
| Ethylbenzene | 4.95 | | | | | | | | | | | |
| - | 5.04 | 0.0250 | 5.00 | ND | 101 | 61-130 | 0.581 | 20 | | | | |
| Ethylbenzene Toluene o-Xylene | | | 5.00 5.00 | ND ND | 101 98.3 | 61-130 63-131 | 0.581 0.704 | 20 20 | | | | |
| Toluene | 5.04 | 0.0250 | | | | | | | | | | |
| Toluene o-Xylene | 5.04 4.91 | 0.0250 0.0250 | 5.00 | ND | 98.3 | 63-131 | 0.704 | 20 | | | | |



QC Summary Data

| | | QU N | | ary Date | - | | | | |
|--|--------|----------------------------------|----------------|-------------------------|----------|---------------|-------------|--------------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | OMCAT 8 FE 1058-0007 | DERAL #0 | 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | А | anna Byers | | | | | 3/19/2025 10:17:43AM |
| | Noi | nhalogenated (| Organics | by EPA 801 | 15D - GI | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511073-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.37 | | 8.00 | | 92.1 | 70-130 | | | |
| LCS (2511073-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 44.0 | 20.0 | 50.0 | | 88.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.9 | 70-130 | | | |
| Matrix Spike (2511073-MS2) | | | | Source: | E503103- | 01 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 41.0 | 20.0 | 50.0 | ND | 82.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | |
| Matrix Spike Dup (2511073-MSD2) | | | | Source: | E503103- | 01 | Prepared: 0 | 3/14/25 A | analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 48.1 | 20.0 | 50.0 | ND | 96.2 | 70-130 | 16.0 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.52 | | 8.00 | | 94.0 | 70-130 | | | |



QC Summary Data

| | | QC D | u 111 111 | ary Data | | | | | |
|--|--------|----------------------------------|----------------|---------------------------|-----------|---------------|-------------|--------------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | FOMCAT 8 FE 01058-0007 | DERAL #(| 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | 1 | Anna Byers | | | | | 3/19/2025 10:17:43AM |
| | Nonh | alogenated Org | anics by | y EPA 8015E |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511079-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | |
| LCS (2511079-BS1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 246 | 25.0 | 250 | | 98.3 | 66-144 | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | |
| Matrix Spike (2511079-MS1) | | | | Source: | E503096-0 | 01 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 268 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| Surrogate: n-Nonane | 55.4 | | 50.0 | | 111 | 61-141 | | | |
| Matrix Spike Dup (2511079-MSD1) | | | | Source: | E503096-(| 01 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 0.820 | 20 | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 61-141 | | | |



QC Summary Data

| | | $\mathbf{x} \circ \sim$ | | , <u> </u> | | | | | |
|---|-----------------|---|-------------------------|---|----------|--------------------|--------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager | (| TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:17:43AN |
| | | Anions | by EPA | 300.0/90564 | 4 | | | | Analyst: JM |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511080-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride LCS (2511080-BS1) | ND | 20.0 | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2511080-MS1) | | | | Source: | E503101- | 01 | Prepared: 0. | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 462 | 20.0 | 250 | 191 | 108 | 80-120 | | | |
| Matrix Spike Dup (2511080-MSD1) | | | | Source: | E503101- | 01 | Prepared: 02 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 466 | 20.0 | 250 | 191 | 110 | 80-120 | 0.927 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-------------------------|------------------|-----------------------|----------------|
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:17 |

| ND Analyte NOT DETECTED at or above the | e reporting limit |
|---|-------------------|
|---|-------------------|

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| Cli | ent: De | evon Ener | gy Produ | iction Cor | mpany, LP | | | Bill To | | 100000 | an a | La | b Us | e Only | 1 | - Alera | TAT EPA Progra | | | | | | rogram |
|----------|---------------------|-----------------|--------------|---|---|--|--------------------|--|-----------------|-----------|--|---------------------|-------------|---------------------------------|-----------|--|----------------|--------|----------------|---------|----------------------------------|--------------|---------------------------------------|
| - | | TOMCAT | 131.2 | | | At | tention: Jim Ra | aley | | Lab | WO | and a second second | | A CONTRACTOR OF A CONTRACT OF A | umber | Allow- o | 1D | 2D | 19 1 (Sh | Stan | dard | CWA | SDWA |
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Envirotech Analytical Laboratory

| Email: ama@etechenv.com Due Date: 03/20/25 17:90 (4 day TAT) Chain of Custody (COC) Yes Second Stopped of By client or carrier? Yes 2. Does the number of samples per sampling site location match the COC Yes Yes 3. Were samples dropped of By client or carrier? Yes Carrier: Courrier 4. Was the COC complete, i.e., signatures, dates/times; requested analyses? Yes Yes 5. Were analysis, notina pit which should be contaced in the field, i.e. if sninue hold into, are not included in this discussion. Yes 5. More Confloct Yes Yes 7. Was a sample cooler received? Yes 9. Was the sample(s) received in good condition? Yes 9. Was the sample(s) received in tact, i.e., one trocken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? Na 12. Was the sample toolerterceived on is? Yes Samide Could: Yes, the recorded temp is 4°C, i.e., 6°2°C Yes 14. Are aquecoda VOC samples present? No No 15. Are VOC samples collected in VOA Vals? NA Na 16. Is the bad appace less than 6-8 mm (pea sized or less)? NA | Client: | Devon Energy - Carlsbad D | ate Received: | 03/14/25 | 04:30 | | | Work Order ID | : E50 | 03102 |
|--|------------------|--|----------------|----------|-------------|------------------|--------|---------------|---------|----------|
| Chain of Custody (COC). I. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by client or carrier? Yes 4. Was the COC complex, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Yes 5. Were all samples received within holding time? Yes 5. Wate all substance hold time, are not included in this discussion. Comments/Rec Samule Cooler Yes 7. Was a sample cooler received in good condition? Yes 9. Wes the sample(s) received in fact, i.e., not broken? Yes 10. Were custody/security seals inter? No 11. If yes, were custody/security seals inter? No 12. Was the sample received the temperature. Actual sample temperature: $\frac{9^{-0}C}{2^{-0}}$ Sample Condition? 13. If no visible ice, record the temperature. Actual sample temperature: $\frac{9^{-0}C}{2^{-0}}$ Sample Condition? 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head spece less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA <t< th=""><th>Phone:</th><th>(575) 748-0176 D</th><th>ate Logged In:</th><th>03/13/25</th><th>16:59</th><th></th><th></th><th>Logged In By:</th><th>No</th><th>e Soto</th></t<> | Phone: | (575) 748-0176 D | ate Logged In: | 03/13/25 | 16:59 | | | Logged In By: | No | e Soto |
| Loes the sample ID match the COC? Yes Loes the number of samples per sampling site location match the COC Yes Were samples dropped of by client or carrier? Yes Nas the COC complete, i.e., signatures, dates/times, requested analyses? Yes Net carling in the Watch should be conducted in the field, i.e., 15 minute bold time, are not included in this discussion. Samole Turn Around Time (TAT) Yes Samole Cooler received? Yes Nes cannole vice or condition? Yes Nes cannole vice or condition? Yes Nes cannole vice vice of the present? No Nes a sample (s) received intact, i.e., not broken? Yes Nes the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6*2°C Yes Nes (received) in ecrit yes, the recorded temp is 4°C, i.e., 6*2°C Yes No No Nes the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6*2°C Yes No No No Sample Contenter No No Sample Contenter No No No Sample Contenter No No No Sample Scale et all in VOA Yals? NA Sample scale et all in VOA Yals? NA Sample Lob Na Sample Lob Na Sample Lob Samp | Email: | anna@etechenv.com D | ue Date: | 03/20/25 | 17:00 (4 da | y TAT) | | | | |
| 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped of by client or carriet? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Yes 5. Were all samples received within holding time? Yes 5. Multic Analysis, such as pH which should be conducted in the field, i.e. 15 multe hold time, are not included in this discussion. 5. Did the COC Indicate standard TAT, or Expedited TAT? Yes 5. Did the COC Indicate standard TAT, or the period of the size of the sample scolar received in good condition? Yes 6. Did the COC color received in tact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, was cooler received in a for the pipe 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C 5. Are VOC samples collected in VOA Vials? NA 14. Are aquecous VOC samples present? No 15. Are VOC samples collected in the environment of sample containers? Yes 19. Is the hard space less than 6-8 mm (pen sized or less)? NA 18. Are non-VOC samples collected in the orrect containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 19. Collectors name? Yes 10. Were field sample labels filled out with the minimum information: Sample (COC or field labels indicate the samples were preserved? No 22. Are sample(s) orrectup preserved? No 23. Is has filteration required and/or requested for dissolved metals? No 24. The sample collected? Yes 25. Are Nore: Thereal preservation 26. Is the filteration required and or requested for dissolved metals? No 27. Are sample(s) orrectup preserved? | Chain of | f Custody (COC) | | | | | | | | |
| 3. Were samples dropped off by client or carrier? Yes Carrier: Courier 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. Comments/Res Sample Cooler received if a pool in this discussion. Comments/Res Sample Cooler received in good condition? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample (so) received intact, i.e., not broken? Yes 10. Were custody/security seals intact? No 11. If yes, were custody/security seals intact? No 11. If yes, were custody/security seals intact? No 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°#2°C Yes Note: Internal preservation is not required, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> 15. Are VOC samples collected in the correct centainers? Yes 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a timp blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct centainers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers? Yes 20. Were field labels filled out with the minimum information: Sample ID? Yes 21. Jus 16. If Iteration required and/or requested for dissolved metals? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Are sample | 1. Does t | the sample ID match the COC? | | Yes | | | | | | |
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| 7. Was a sample cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals intact? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received wi 15 minutus of sampling 13. If no visible ice, record the temperature. Actual sample temperature: $4°C$ Sample Container 14. Are aqueous VOC samples present? NA 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 20. Were field sample labels filled out with the minimum information: Sample TD? Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 21. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved | 6. Did th | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | | | |
| 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling Iai and the sample container 13. If no visible ice, record the temperature. Actual sample temperature: $4°C$ Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 20. Were field sample labels filled out with the minimum information: Sample Collected? Sample Collectors name? Yes Date/Time Collected? Yes Sample ID? Yes Date/Time Collectors No 21. Does the COC or field labels indicate the samples were preserved? < | Sample (| <u>Cooler</u> | | | | | | | | |
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| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes Pield Label Yes 20. Were field sample labels filled out with the minimum information: Sample Collected? Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? Na 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix No 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrix No | 10. Were | e custody/security seals present? | | No | | | | | | |
| Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes Field Label Yes 20. Were field sample labels filled out with the minimum information: Sample ID? Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 21. Does the GOC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is labe filteration required and/or requested for dissolved metals? No 24. Is labe filteration required and/or requested for dissolved metals? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA 28. Are sample required to get sent to a subcontract laborator? No 29. Are samples required to get sent to a subcontract laborator? No | 11. If yes | s, were custody/security seals intact? | | NA | | | | | | |
| 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label Yes 20. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 77. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Na 28. Are samples required to get sent to a subcontract laboratory? No <td></td> <td>Note: Thermal preservation is not required, if samples are reminutes of sampling</td> <td>eceived w/i 15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | Note: Thermal preservation is not required, if samples are reminutes of sampling | eceived w/i 15 | | | | | | | |
| 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label Yes 20. Were field sample labels filled out with the minimum information: Sample ID? Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 77. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory No Subcontract Laboratory No | Sample (| <u>Container</u> | | | | | | | | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label Yes 20. Were field sample labels filled out with the minimum information: Yes Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 7. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory No Subcontract Laboratory No | 14. Are a | aqueous VOC samples present? | | No | | | | | | |
| 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yo 26. Does the Soc specify which phase(s) is to be analyzed? NA 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory No Subcontract Laboratory No | 15. Are V | VOC samples collected in VOA Vials? | | NA | | | | | | |
| 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label Yes 20. Were field sample labels filled out with the minimum information: Yes Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 77. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory No Subcontract Laboratory No | 16. Is the | e head space less than 6-8 mm (pea sized or less)? | | NA | | | | | | |
| 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Xe 28. Are samples required to get sent to a subcontract laboratory? No | 17. Was a | a trip blank (TB) included for VOC analyses? | | NA | | | | | | |
| Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory No 28. Are samples required to get sent to a subcontract laboratory? No | 18. Are r | non-VOC samples collected in the correct containers? | | Yes | | | | | | |
| 20. Were field sample labels filled out with the minimum information: Yes Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix Yes 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Na 28. Are samples required to get sent to a subcontract laboratory? No | 19. Is the | appropriate volume/weight or number of sample container | s collected? | Yes | | | | | | |
| Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation Yes 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix No 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Na 28. Are samples required to get sent to a subcontract laboratory? No | | | | | | | | | | |
| Date/Time Collected? Collectors name?YesSample PreservationYes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No | | - | nation: | 17 | | | | | | |
| Collectors name?YesSample PreservationVes21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No | | + | | | | | | | | |
| Sample Preservation No 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix No 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA 28. Are samples required to get sent to a subcontract laboratory? No | | | | | | | | | | |
| 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No | | | | 103 | | | | | | |
| 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No | | | erved? | No | | | | | | |
| 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No | 22. Are s | sample(s) correctly preserved? | | NA | | | | | | |
| 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA 28. Are samples required to get sent to a subcontract laboratory? No | | | als? | No | | | | | | |
| 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA 28. Are samples required to get sent to a subcontract laboratory? No | <u>Multip</u> h: | ase Sample Matrix | | | | | | | | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory NA 28. Are samples required to get sent to a subcontract laboratory? No | | | ? | No | | | | | | |
| 28. Are samples required to get sent to a subcontract laboratory? No | 27. If yes | s, does the COC specify which phase(s) is to be analyze | ed? | | | | | | | |
| 28. Are samples required to get sent to a subcontract laboratory? No | Subcont | ract Laboratory | | | | | | | | |
| | | | ? | No | | | | | | |
| 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA | | | | | Subcontr | act Lah | : NA | | | |

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E503104

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

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

Date Reported: 3/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E503104 Date Received: 3/14/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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| | | Sample Sum | mary | | |
|-------------------------|---------------|------------------|---------------|----------|------------------|
| Devon Energy - Carlsbad | | Project Name: | TOMCAT 8 FEDE | RAL #001 | Reported: |
| 6488 7 Rivers Hwy | | Project Number: | 01058-0007 | | Reporteu. |
| Artesia NM, 88210 | | Project Manager: | Anna Byers | | 03/19/25 10:22 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BH05 0.5' | E503104-01A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH05 1' | E503104-02A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH06 0.5' | E503104-03A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH06 1' | E503104-04A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH07 0.5' | E503104-05A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH07 1' | E503104-06A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH08 0.5' | E503104-07A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH08 1' | E503104-08A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH09 0.5' | E503104-09A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| BH09 1' | E503104-10A | Soil | 03/12/25 | 03/14/25 | Glass Jar, 2 oz. |
| | | | | | |



| | S | Sample D | ata | | | | |
|--|--------------|------------|------------|-------------|----------|----------|----------------------|
| Devon Energy - Carlsbad | Project Name | e: TON | MCAT 8 FEI | DERAL | #001 | | |
| 6488 7 Rivers Hwy | Project Num | ber: 010 | 58-0007 | | | | Reported: |
| Artesia NM, 88210 | Project Mana | ager: Ann | a Byers | | | | 3/19/2025 10:22:48AM |
| | | BH05 0.5' | | | | | |
| | | E503104-01 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | tion | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | 1 | Analyst: I | BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | | 03/14/25 | 03/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | | 03/14/25 | 03/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | 1 | Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.5 % | 70-130 | | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | 1 | Analyst: A | AF | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 03/14/25 | 03/14/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | | 03/14/25 | 03/14/25 | |
| Surrogate: n-Nonane | | 109 % | 61-141 | | 03/14/25 | 03/14/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: I | DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | | 03/14/25 | 03/14/25 | |

Released to Imaging: 6/9/2025 2:19:30 PM



| | 5 | ampie D | ala | | | |
|---|---|------------|-----------------------------------|------------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Manag | er: 010 | ACAT 8 FEDE 58-0007 a Byers | RAL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH05 1' | | | | |
| | | E503104-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| thylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| oluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| ,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 100 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | mg/kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 94.5 % | 70-130 | 03/14/25 | 03/15/25 | |
| onhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/14/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/14/25 | |
| 'urrogate: n-Nonane | | 113 % | 61-141 | 03/14/25 | 03/14/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | ılyst: DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | 0 | ampic D | ala | | | |
|---|---|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Manaş | oer: 0103 | ACAT 8 FEDERA 58-0007 a Byers | AL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH06 0.5' | | | | |
| | | E503104-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 98.9 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g/kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.9 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 110 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| Devon Energy - Carlsbad | Project Name | : TON | MCAT 8 FEDER | AL #001 | | |
|--|---------------|------------|------------------|----------------|----------|----------------------|
| 6488 7 Rivers Hwy | Project Numb | er: 0105 | 58-0007 | Reported: | | |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 3/19/2025 10:22:48AM |
| | | BH06 1' | | | | |
| | | E503104-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.4 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | y/kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.3 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | Batch: 2511078 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 107 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | D | ampic D | ata | | | |
|---|--|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Project Numb Project Manag | er: 0103 | MCAT 8 FEDER. 58-0007 a Byers | AL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH07 0.5' | | | | |
| | | E503104-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| oluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 99.2 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g/kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 94.8 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| 'urrogate: n-Nonane | | 109 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | 0 | ampic D | ala | | | |
|---|---|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Manaş | oer: 010 | ACAT 8 FEDERA 58-0007 a Byers | AL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH07 1' | | | | |
| | | E503104-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.6 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | mg/kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.6 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | 44.9 | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | 93.3 | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 109 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: DT | | Batch: 2511082 |
| Chloride | 278 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | b | ampic D | ala | | | |
|---|--|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Mana | ber: 010 | ACAT 8 FEDERA 58-0007 a Byers | AL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH08 0.5' | | | | |
| | | E503104-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| thylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| oluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| -Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 99.0 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | /kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 94.2 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 108 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: DT | | Batch: 2511082 |
| Chloride | 232 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | ~ | | | | | |
|--|--------------|------------|-------------------|-----------|----------|----------------------|
| Devon Energy - Carlsbad | Project Name | e: TON | MCAT 8 FEDERA | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numb | ber: 010 | 58-0007 | Reported: | | |
| Artesia NM, 88210 | Project Mana | iger: Ann | a Byers | | | 3/19/2025 10:22:48AN |
| | | BH08 1' | | | | |
| | | E503104-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 98.4 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | 'kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.4 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 111 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: DT | | Batch: 2511082 |
| Chloride | 252 | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



| | | • | | | | |
|--|----------------|------------|-------------------|-----------|----------|----------------------|
| Devon Energy - Carlsbad | Project Name: | TON | ACAT 8 FEDERA | L #001 | | |
| 6488 7 Rivers Hwy | Project Number | er: 0103 | 58-0007 | Reported: | | |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 3/19/2025 10:22:48AM |
| | | BH09 0.5' | | | | |
| | | E503104-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.1 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | kg Analyst: BA | | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.5 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: AF | | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 112 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: DT | | Batch: 2511082 |
| Chloride | 347 | 20.0 | 1 | 03/14/25 | 03/14/25 | |


| | 5 | ampic D | ala | | | |
|---|--|------------|-------------------------------------|----------|----------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numb Project Mana | ber: 010 | MCAT 8 FEDER 58-0007 1a Byers | AL #001 | | Reported: 3/19/2025 10:22:48AM |
| | | BH09 1' | | | | |
| | | E503104-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2511073 |
| Benzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Toluene | 0.0371 | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p-Xylene | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/14/25 | 03/15/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.6 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: BA | | Batch: 2511073 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.8 % | 70-130 | 03/14/25 | 03/15/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: AF | | Batch: 2511078 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/14/25 | 03/15/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/14/25 | 03/15/25 | |
| Surrogate: n-Nonane | | 109 % | 61-141 | 03/14/25 | 03/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: DT | | Batch: 2511082 |
| Chloride | ND | 20.0 | 1 | 03/14/25 | 03/14/25 | |
| | | | | | | |



QC Summary Data

| | | <u> </u> | | v | | | | | |
|---|----------------------|----------------------------------|----------------------|-------------------------|---------------------|----------------------------|-------------------------|----------------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | 01 | OMCAT 8 FE 1058-0007 | DERAL #(| 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | A | nna Byers | | | | | 3/19/2025 10:22:48AM |
| | | Volatile O | rganics l | oy EPA 802 | 21B | | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511073-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | ND | 0.0250 | | | | | - | | · · |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.31 | | 8.00 | | 104 | 70-130 | | | |
| LCS (2511073-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| Ethylbenzene | 4.88 | 0.0250 | 5.00 | | 97.6 | 70-130 | | | |
| Toluene | 4.98 | 0.0250 | 5.00 | | 99.6 | 70-130 | | | |
| o-Xylene | 4.87 | 0.0250 | 5.00 | | 97.5 | 70-130 | | | |
| p,m-Xylene | 9.92 | 0.0500 | 10.0 | | 99.1 | 70-130 | | | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | | 98.6 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.30 | | 8.00 | | 104 | 70-130 | | | |
| Matrix Spike (2511073-MS1) | | | | Source: | E503103-0 | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Benzene | 5.13 | 0.0250 | 5.00 | ND | 103 | 54-133 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-133 | | | |
| Toluene | 5.06 | 0.0250 | 5.00 | ND | 101 | 61-130 | | | |
| o-Xylene | 4.95 | 0.0250 | 5.00 | ND | 99.0 | 63-131 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 100 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | |
| Matrix Spike Dup (2511073-MSD1) | | | | Source: | E503103-0 | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| | | | | ND | 102 | 54-133 | 0.560 | 20 | |
| Benzene | 5.10 | 0.0250 | 5.00 | ND | 102 | | | | |
| | 5.10 4.93 | 0.0250 0.0250 | 5.00 5.00 | ND | 98.7 | 61-133 | 0.562 | 20 | |
| Ethylbenzene | | | | | | | | | |
| Ethylbenzene Toluene | 4.93 | 0.0250 | 5.00 | ND | 98.7 | 61-133 | 0.562 | 20 | |
| Ethylbenzene Toluene o-Xylene | 4.93 5.04 | 0.0250 0.0250 | 5.00 5.00 | ND ND | 98.7 101 | 61-133 61-130 | 0.562 0.581 | 20 20 | |
| Benzene Ethylbenzene Toluene o-Xylene p.m-Xylene Total Xylenes | 4.93 5.04 4.91 | 0.0250 0.0250 0.0250 | 5.00 5.00 5.00 | ND ND ND | 98.7 101 98.3 | 61-133 61-130 63-131 | 0.562 0.581 0.704 | 20 20 20 | |



QC Summary Data

| | | $\chi \cup \lambda$ | ~~~~~ | ary Date | • | | | | |
|--|--------|----------------------------------|----------------|---------------------------|----------|---------------|-------------|--------------|----------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | FOMCAT 8 FE 01058-0007 | DERAL #0 | 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | A | Anna Byers | | | | | 3/19/2025 10:22:48AM |
| | Noi | nhalogenated (| Organics | by EPA 80 | 15D - GI | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2511073-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.37 | | 8.00 | | 92.1 | 70-130 | | | |
| LCS (2511073-BS2) | | | | | | | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 44.0 | 20.0 | 50.0 | | 88.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.9 | 70-130 | | | |
| Matrix Spike (2511073-MS2) | | | | Source: | E503103- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 41.0 | 20.0 | 50.0 | ND | 82.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | |
| Matrix Spike Dup (2511073-MSD2) | | | | Source: | E503103- | 01 | Prepared: 0 | 3/14/25 A | Analyzed: 03/14/25 |
| Gasoline Range Organics (C6-C10) | 48.1 | 20.0 | 50.0 | ND | 96.2 | 70-130 | 16.0 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.52 | | 8.00 | | 94.0 | 70-130 | | | |



QC Summary Data

| | | QC D | umm | ary Data | и | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | (| TOMCAT 8 FE 01058-0007 Anna Byers | DERAL # | 001 | | | Reported: 3/19/2025 10:22:48AM |
| | Nonh | alogenated Org | anics by | y EPA 8015I |) - DRO | /ORO | | | Analyst: AF |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511078-BLK1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.5 | | 50.0 | | 105 | 61-141 | | | |
| LCS (2511078-BS1) | | | | | | | Prepared: 0 | 3/14/25 A | nalyzed: 03/14/25 |
| Diesel Range Organics (C10-C28) | 244 | 25.0 | 250 | | 97.5 | 66-144 | | | |
| Surrogate: n-Nonane | 52.7 | | 50.0 | | 105 | 61-141 | | | |
| Matrix Spike (2511078-MS1) | | | | Source: | E503097- | 10 | Prepared: 0 | 3/14/25 A | nalyzed: 03/18/25 |
| Diesel Range Organics (C10-C28) | 21400 | 125 | 250 | 22900 | NR | 56-156 | | | M4 |
| Surrogate: n-Nonane | 52.7 | | 50.0 | | 105 | 61-141 | | | |
| Matrix Spike Dup (2511078-MSD1) | | | | Source: | E503097- | 10 | Prepared: 0 | 3/14/25 A | nalyzed: 03/18/25 |
| Diesel Range Organics (C10-C28) | 22800 | 125 | 250 | 22900 | NR | 56-156 | 6.37 | 20 | M4 |
| Surrogate: n-Nonane | 52.6 | | 50.0 | | 105 | 61-141 | | | |



QC Summary Data

| | | QU D | | | - | | | | |
|---|-----------------|--|-------------------------|---|-----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | | TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 3/19/2025 10:22:48AN |
| | | Anions l | by EPA | 300.0/9056A | ۱ | | | | Analyst: DT |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2511082-BLK1) | | | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride LCS (2511082-BS1) | ND | 20.0 | | | | | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2511082-MS1) | | | | Source: | E503104-(| 06 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 510 | 20.0 | 250 | 278 | 92.7 | 80-120 | | | |
| Matrix Spike Dup (2511082-MSD1) | | | | Source: | E503104-(| 06 | Prepared: 0 | 3/14/25 | Analyzed: 03/14/25 |
| Chloride | 529 | 20.0 | 250 | 278 | 100 | 80-120 | 3.66 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-------------------------|------------------|-----------------------|----------------|
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 03/19/25 10:22 |

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Releas

Received by OCD: 6/6/2025 10:45:55 AM

| lient: D | evon Ener | gy Produ | iction Co | mpany, LP | Bill To | | 1200 | | Lak |) Us | e Only | Y | | | T/ | ΛT | EPA P | rogram |
|---------------|-------------------|-----------------|----------------------|----------------------|---|---------------------|------------|-------------------------|----------|----------|---|------------------|---------|--------|--------------|--|----------------|--------|
| roject: | TOMCAT | 3 FEDERA | L #001 | | Attention: Jim Raley | | | WO | | | Job N | umber | 1D | 2D | 3D | Standard | CWA | SDWA |
| | Manager: | | | | Address: 5315 Buena Vista Dr. | | Es | 503 | 104 | | 0105 | 58-000 | 1 | | | 5 day TAT | | |
| | : 13000 W | | | | City, State, Zip: Carlsbad, NM, 88 | 220 | | | | 1 | Analys | is and Meth | od | | | | | RCRA |
| | te, Zip_Oc | | 79765 | | Phone: 575-885-7502 | | | 5 | | | | | | | | NOTION REAL | | |
| | 432-305-6 | | | | Email: jim.raley@dvn.com | | | 801 | | | | | | | | | State | |
| nail: N | IMTXGeoG | roup@et | techenv.o | com | WBS: 1061476201 - NM Permian | Abandon | | yd C | | | | | | | | NM CO | UT AZ | TX |
| oloct (| #: 19305 | | | | Incident ID: nKL1622549584 | | 18 | /ORC | | | | | | | | | | |
| | | | - | | | | | DRO | 8021 | 8260 | 10 | 0.00 | MN | | TX | | | |
| | d by: Hale | gii biuin | 2007 m - 072ml | 1 | | Lab | (H) | RO/ | by 8(| y 82 | s 60 | de 3 | y | | | _ × | | |
| Time mpled | Date Sampled | Matrix | No. of Containers | Sample ID | | Number | Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by | VOC by 1 | Metals 6010 | Chloride 300.0 | BGDOC | | GDOC | | Remarks | i. |
| | | | | | 21125 | 1 | | H | | ~ | 2 | | | | | | | |
| .1:33 | 03.12.25 | S | 1 | | BH05 | | 0.5' | | | | | | X | | | | | |
| 11:36 | 03.12.25 | S | 1 | | BH05 | 2 | 1' | | | | | | x | | | | | |
| | | | | | | 2 | | | | | | | ^ | | | | | |
| 11:39 | 03.12.25 | S | 1 | | BH06 | 3 | 0.5' | | | | | | x | | | | | |
| 11:42 | 03.12.25 | S | 1 | | BH06 | U | 1' | | | | | | x | | | | | |
| | | 5 | - | | 5.100 | 4 | | | | | | | ^ | | | | | |
| 11:52 | 03.12.25 | S | 1 | | BH07 | 5 | 0.5' | | | | | | x | | | | | |
| 11:55 | 03.12.25 | S | 1 | | BH07 | 6 | 1' | | | | | | x | | | | | |
| 11:58 | 03.12.25 | S | 1 | | BH08 | 7 | 0.5' | | | | | | x | | | | | |
| | | | | | | 1 | | | | _ | | | - | - | | | | |
| 12:01 | 03.12.25 | S | 1 | | BH08 | 8 | 1' | 1 | | | | | X | | | | | |
| 12:10 | 03.12.25 | S | 1 | | BH09 | 9 | 0.5' | | | | | | x | | | | | |
| 12:15 | 03.12.25 | S | 1 | | BH09 | 10 | 1' | | | | | | x | | | | | |
| dditio | nal Instruc | tions: | | | | | 10. | - | | - | I I. | | | _ | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | e. I am aware that tampering with or intentionally mi | islabelling the sam | ple loc | ation, | 2 | | 2 C | | | | | eceived on ice the da less than 6 °C on sul | | |
| e or tim | e of collection | is considere | ed fraud and | I may be grounds for | | | - | 1. | - | | received | packed in ice at | | | | | usequent days. | |
| A | A L Sign | ()/// | ha date | 5/12/2/2 19 | 520 Referred by: (Signature) | les 3-12-0 | 14 | Time | 520 | | | | 1111 | ab U | | ly | | |
| elinquist | ped by: (Sign | ature) | Date Date | | | Date | | Time | | | Recei | ived on ice | . (| Y N | and a second | | | |
| Nich | rele C | ture) | les 2- | 13.25 1- | 700 been H | 212 | 15 | 1 | N | 5 | т1 | | т2 | | | Т3 | | |
| elinguist | ed by: (Sign | <u> </u> | Date | Time | Received by: (Signature) | Date | | Time | m | _ | 1.1 | | 12 | | | | | |
| 11 | 1.1 | l | 2 | 12751 | 300 hunter 1 4000 | 3-14-2 | 25 | 0 | 437 |) | AVG | Temp °C | 4 | | | | | |
| mple Ma | trix: S - Soil. S | d - Solid. Se | - Sludge, A - | Aqueous, O - Other | | | - | :g-6 | glass. p | - | 100000000000000000000000000000000000000 | stic, ag - am | ber gla | ass. v | VOA | | | |
| | | | | | ed unless other arrangements are made. Haza | | | | | | | | | | _ | The report for t | he analysis | of the |
| | | | | | by the laboratory with this COC. The liability of | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | • | |
| | | | | | | | | | | | | 3 | | | C | env | /ir | 01 |
| | | | | | | Page 2 | 20 of | f 21 | | | | C | | | 6 | | | |
| | | | | | | Ū | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

| Client: D | Devon Energy - Carlsbad | Date Received: | 03/14/25 | 04:30 | Work Order II | e: E503104 |
|-------------------|--|--------------------------|------------|------------------------|---------------|-----------------|
| | 575) 748-0176 | Date Logged In: | 03/13/25 | | Logged In By: | |
| , | nna@etechenv.com | Due Date: | | 17:00 (4 day TAT) | | |
| Chain of Cu | istody (COC) | | | | | |
| | sample ID match the COC? | | Yes | | | |
| | number of samples per sampling site locatio | n match the COC | Yes | | | |
| | ples dropped off by client or carrier? | | Yes | Carrier: Courie | ar . | |
| | COC complete, i.e., signatures, dates/times, r | equested analyses? | Yes | euriter. <u>courie</u> | <u>51</u> | |
| 5. Were all s | amples received within holding time? lote: Analysis, such as pH which should be condu | cted in the field, | Yes | | Comm | ents/Resolution |
| | e, 15 minute hold time, are not included in this dis | sucssion. | | | <u>comm</u> | |
| | <u>n Around Time (TAT)</u> OC indicate standard TAT, or Expedited TA | Τ? | Yes | | | |
| Sample Coo | · • | | | | | |
| | nple cooler received? | | Yes | | | |
| | s cooler received in good condition? | | Yes | | | |
| 9. Was the s | ample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Were cus | stody/security seals present? | | No | | | |
| 11. If yes, w | ere custody/security seals intact? | | NA | | | |
| N n | ample received on ice? If yes, the recorded temp is lote: Thermal preservation is not required, if samp ninutes of sampling ible ice, record the temperature. Actual sa | oles are received w/i 15 | Yes | | | |
| Sample Cor | · · · · · | | <u> </u> | | | |
| | eous VOC samples present? | | No | | | |
| - | C samples collected in VOA Vials? | | NA | | | |
| 16. Is the he | ad space less than 6-8 mm (pea sized or less |)? | NA | | | |
| 17. Was a tri | p blank (TB) included for VOC analyses? | | NA | | | |
| 18. Are non- | -VOC samples collected in the correct conta | iners? | Yes | | | |
| 19. Is the app | propriate volume/weight or number of sample c | ontainers collected? | Yes | | | |
| Field Label | | | | | | |
| | ld sample labels filled out with the minimum | n information: | V | | | |
| | ple ID? /Time Collected? | | Yes Yes | | | |
| | ectors name? | | Yes | | | |
| Sample Pre | servation | | | | | |
| | COC or field labels indicate the samples w | ere preserved? | No | | | |
| | ple(s) correctly preserved? | | NA | | | |
| 24. Is lab fil | teration required and/or requested for dissol | ved metals? | No | | | |
| | Sample Matrix | | | | | |
| | e sample have more than one phase, i.e., mul | - | No | | | |
| 27. If yes, do | bes the COC specify which phase(s) is to be | analyzed? | NA | | | |
| <u>Subcontrac</u> | t Laboratory | | | | | |
| | ples required to get sent to a subcontract lab | - | No | | | |
| 20 Was a su | bcontract laboratory specified by the client | and if so who? | NA | Subcontract Lab: NA | | |

Signature of client authorizing changes to the COC or sample disposition.



envirotech Inc.



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E504265

Job Number: 01058-0007

Received: 4/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/2/25

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

Date Reported: 5/2/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E504265 Date Received: 4/28/2025 6:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2025 6:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com





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| eceived by OCD: 6/6/2025 10:45:55 AM | | | Page 1 | 156 of 222 |
|--------------------------------------|------------------|-----------------------|-----------------|------------|
| | Sample Sum | mary | | |
| Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | Derrer er te de | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: | |
| Artesia NM, 88210 | Project Manager: | Anna Byers | 05/02/25 08:29 | |

| Artesia NM, 88210 | | Project Manager: | Anna Byers | | 05/02/25 08:29 |
|-------------------|---------------|------------------|------------|----------|------------------|
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BH07 2' | E504265-01A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH07 3' | E504265-02A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH07 4' | E504265-03A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |



| | Di | ample D | ala | | | |
|--|---------------|------------|--------------|----------|----------|--------------------|
| Devon Energy - Carlsbad | Project Name: | TOM | ACAT 8 FEDER | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numbe | er: 010 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 5/2/2025 8:29:09AN |
| | | BH07 2' | | | | |
| | | E504265-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | yst: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 100 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | vst: SL | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.1 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | /st: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | 408 | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Oil Range Organics (C28-C36) | 825 | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 87.1 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: RAS | | Batch: 2518013 |
| Chloride | 551 | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| | | | | | | |

| | | ampic D | | | | |
|--|---------------|------------|--------------|--------------------|----------|----------------|
| Devon Energy - Carlsbad | Project Name | : TON | ACAT 8 FEDER | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numb | er: 0105 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | 5/2/2025 8:29:09AN | | |
| | | BH07 3' | | | | |
| | | E504265-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| -Xylene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| ,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 97.9 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: SL | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.6 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 84.9 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2518013 |
| Chloride | 915 | 20.0 | 1 | 04/28/25 | 04/28/25 | |



| | D | ampic D | utu | | | |
|--|--------------|------------|--------------|--------------------|----------|----------------|
| Devon Energy - Carlsbad | Project Name | : TO | MCAT 8 FEDER | AL #001 | | |
| 6488 7 Rivers Hwy | Project Numb | ber: 010 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Mana | ger: Ann | a Byers | 5/2/2025 8:29:09AN | | |
| | | BH07 4' | | | | |
| | | E504265-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| p-Xylene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.5 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: SL | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.1 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO |) mg/kg | mg/kg | Analy | st: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 84.9 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2518013 |
| Chloride | 533 | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Anions by EPA 300.0/9056A Chloride | | mg/kg | Analy | st: RAS | | Batch: 25 |



QC Summary Data

| RPD % Prepared: 0 | RPD Limit % | Reported: 5/2/2025 8:29:09AM Analyst: SL Notes Analyzed: 04/28/25 |
|-------------------------|---|---|
| % | Limit % | Notes |
| % | Limit % | Notes |
| % | Limit % | |
| % | % | |
| Prepared: 0 |)4/28/25 A | Analyzed: 04/28/25 |
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| Prepared: 0 |)4/28/25 A | Analyzed: 04/28/25 |
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| | | |
| Prepared: 0 |)4/28/25 A | Analyzed: 04/28/25 |
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| | | |
| | | |
| Prepared: 0 | 04/28/25 A | Analyzed: 04/28/25 |
| 10.0 | 27 | |
| 10.0 | 26 | |
| 10.1 | 20 | |
| 9.76 | 25 | |
| 9.91 | 23 | |
| | 26 | |
| 9.86 | | |
| - | Prepared: (10.0 10.0 10.1 9.76 | 10.0 26 10.1 20 9.76 25 9.91 23 |



QC Summary Data

| | | QU D | u 1111116 | iny Data | | | | | |
|--|--------|----------------------------------|----------------|-------------------------|-----------|---------------|-------------|--------------|--------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | OMCAT 8 FE 1058-0007 | DERAL #(| 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | А | nna Byers | | | | | 5/2/2025 8:29:09AM |
| | Noi | nhalogenated C | Organics | by EPA 80 | 15D - GI | RO | | | Analyst: SL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518001-BLK1) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.96 | | 8.00 | | 99.5 | 70-130 | | | |
| LCS (2518001-BS2) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 46.3 | 20.0 | 50.0 | | 92.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |
| Matrix Spike (2518001-MS2) | | | | Source: | E504265-0 | 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 46.4 | 20.0 | 50.0 | ND | 92.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |
| Matrix Spike Dup (2518001-MSD2) | | | | Source: | E504265-0 | 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 48.9 | 20.0 | 50.0 | ND | 97.8 | 70-130 | 5.29 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.63 | | 8.00 | | 82.9 | 70-130 | | | |



QC Summary Data

| | | QC D | u I I I I I I | ary Data | a | | | | |
|---|-----------------|--|-------------------------|---|----------|--------------------|-------------|-------------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | (| FOMCAT 8 FE 01058-0007 Anna Byers | DERAL # | 001 | | | Reported: 5/2/2025 8:29:09AM |
| | Nonh | alogenated Org | anics by | y EPA 8015I |) - DRO | /ORO | | | Analyst: KH |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2518007-BLK1) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) | ND ND | 25.0 50.0 | | | | | | | |
| Surrogate: n-Nonane | 40.5 | | 50.0 | | 81.0 | 61-141 | | | |
| LCS (2518007-BS1) | | | | | | | Prepared: 0 | 4/28/25 A | analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 215 | 25.0 | 250 | | 85.8 | 66-144 | | | |
| Surrogate: n-Nonane | 41.8 | | 50.0 | | 83.7 | 61-141 | | | |
| Matrix Spike (2518007-MS1) | | | | Source: | E504266- | 02 | Prepared: 0 | 4/28/25 A | analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 227 | 25.0 | 250 | ND | 90.8 | 56-156 | | | |
| Surrogate: n-Nonane | 41.6 | | 50.0 | | 83.2 | 61-141 | | | |
| Matrix Spike Dup (2518007-MSD1) | | | | Source: | E504266- | 02 | Prepared: 0 | 4/28/25 A | analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 241 | 25.0 | 250 | ND | 96.5 | 56-156 | 6.07 | 20 | |
| Surrogate: n-Nonane | 42.4 | | 50.0 | | 84.9 | 61-141 | | | |



QC Summary Data

| | | QU N | MIIII | | | | | | |
|---|-----------------|--|-------------------------|---|-----------|--------------------|-------------|-------------------|-------------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | | TOMCAT 8 FE 01058-0007 Anna Byers | DERAL #(| 001 | | | Reported: 5/2/2025 8:29:09AM |
| | | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2518013-BLK1) | | | | | | | Prepared: 0 | 4/28/25 <i>A</i> | Analyzed: 04/28/25 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2518013-BS1) | | | | | | | Prepared: 0 | 4/28/25 A | Analyzed: 04/28/25 |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2518013-MS1) | | | | Source: | E504263-0 | 02 | Prepared: 0 | 4/28/25 A | Analyzed: 04/28/25 |
| Chloride | 267 | 20.0 | 250 | ND | 107 | 80-120 | | | |
| Matrix Spike Dup (2518013-MSD1) | | | | Source: | E504263-0 | 02 | Prepared: 0 | 4/28/25 A | Analyzed: 04/28/25 |
| Chloride | 266 | 20.0 | 250 | ND | 106 | 80-120 | 0.313 | 20 | |
| | | | | | | | | | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| Г | Devon Energy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|---|-------------------------|------------------|-----------------------|----------------|
| | 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| | Artesia NM, 88210 | Project Manager: | Anna Byers | 05/02/25 08:29 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



| | evon Ener | | | mpany, LP | Bill To | | | S. C. | La | ab Us | e On | ly | | | | TAT | | EPA Pr | ogram | |
|---|-------------------------|---------------|----------------------|--|---|------------------------|------------|-------------------------|------------|-------------|---|----------------|-------------|-----------|---------|--------|--|---------------|---------|-----|
| | TOMCAT 8 | | | | Attention: Jim Raley | | Lab | WO | + | F | Job I | Vumbe | er | 1D | 2D | | Standard | CWA | SDWA | |
| | Aanager: A 13000 W | | | area . | Address: 5315 Buena Vista Dr. | 00220 | E | 204 | 20 | 3 | 00 | 28.1 | and l | | | | 5 day TAT | | | |
| | te, Zip_Od | | | | City, State, Zip: Carlsbad, NM, Phone: 575-885-7502 | 88220 | | T | - | | Analy | sis and | Meth | od | | | | - | RCRA | |
| | 32-305-64 | | 15105 | | Email: jim.raley@dvn.com | * * | - | 15 | | | | | | | | | A STATE | State | | |
| The second second second | MTXGeoG | | echenv.c | om | WBS: 1061476201 - NM Permi | | ÷ . | by 80 | 1.5 | | | | | | | | NM CO | | ТХ | |
| Project # | t: 19305 d by: Halei | gh Blum | 2 | - ter | Incident ID: nKL1622549584 | | | TPH GRO/DRO/ORO by 8015 | 8021 | 60 | 10 | 0.00 | | WN | | 1X | | | | ge1 |
| Time | Date Sampled | Matrix | No. of Containers | Sample ID | C. C | Lab | Depth(ft.) | H GRO/ | BTEX by 80 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | | GDOC | × | Remarks | | |
| 10:00 | 04.24.25 | S | 1 | | BH07 | Number (| 2' | 14 | 81 | N0 | Σ | <u>.</u> | | X | | 0 | 3.4 | 7 | | |
| 10:10 | 04.24.25 | S | 1 | | BH07 | 2 | 3' | - | | | | | + | x | | | 2.4 | / | | |
| 10:25 | 04.24.25 | S | 1 | | BH07 | 3 | 4' | | | | | | | x | | | 3.1 | | | |
| | | 6 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | + | + | | | | | | |
| | | | | | | | | | | | | | + | | | | | | | |
| | | | | | | | | | - | | | | + | - | | | + | | | |
| 1 | | | | | | | | 1 | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | | | | | | | | |
| | | | | | | | | - | - | | | | | | | | | | | |
| Additior | al Instruc | tions: | | 1 | | | | | | | | | | | | | | | | |
| | | | | nticity of this sampl may be grounds fo | le. I am aware that tampering with or intentionally | y mislabelling the sar | mple lo | cation, | | | | | | | | | ived on ice the da s than 6 °C on sub | | led or | |
| | ed by: Sign | | D Date | | | rlec 11 74 | .)< | Time | 801 | > | | | | Li | ab Us | e Only | | | | |
| Relinquish | editor: (Sign | ature) | les 4- | 25.25 Time | | Date (/ 77 | 11 | Time | 11 | - | Rece | eived c | on ice: | | 0/ N | | TO | | Kan and | |
| Relinquist | ed by: (Sign | 0 | Date | | e biceived by: (Signature) | Date | 8.75 | Time | 162 | 30 | 11 | T | °c | <u>T2</u> | | | <u>. T3</u> | | | |
| Sample Ma | trix: S - Soil, S | d - Solid, Sg | | Aqueous, O - Othe | 50 ally Mar | Containe | 100 | 10 | zlass. | | 100000000000000000000000000000000000000 | Temp | - 17 L 70 7 | ber gla | SS. V - | VOA | | | | |
| Contract and Annual Contract of Association | ples are dis | carded 30 d | days after r | esults are report | ted unless other arrangements are made. H by the laboratory with this COC. The liability | lazardous samples | will be | e retur | ned to | o clien | t or di | isposed | of at th | he client | | | e report for th | ne analysis o | f the | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Devon Energy - Carlsbad D | ate Received: | 04/28/25 | 06:30 | Work Order ID: | E504265 |
|---|---|--|--|-------------------|----------------|---------------|
| Phone: | (575) 748-0176 D | ate Logged In: | 04/25/25 | 15:12 | Logged In By: | Caitlin Mars |
| Email: | | ue Date: | 05/02/25 | 17:00 (4 day TAT) | | |
| Chain o | <u>f Custody (COC)</u> | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: Courier | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | d analyses? | Yes | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Commen | ts/Resolution |
| <u>Sample</u> | <u>Turn Around Time (TAT)</u> | | | | | |
| 6. Did tł | ne COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample | Cooler_ | | | | | |
| 7. Was a | sample cooler received? | | Yes | | | |
| 8. If yes | , was cooler received in good condition? | | Yes | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Were | e custody/security seals present? | | No | | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | | |
| 12. Was t | the sample received on ice? | | Yes | | | |
| | Note: Thermal preservation is not required, if samples are re | ceived within | | | | |
| | 15 minutes of sampling | | | | | |
| 13. See | 15 minutes of sampling COC for individual sample temps. Samples outside of 06 | | recorded | in comments. | | |
| 13. See Sample | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> | | | in comments. | | |
| 13. See <u>Sample</u> 14. Are | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? | | No | in comments. | | |
| 13. See <u>Sample</u> 14. Are 15. Are | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? | | No NA | in comments. | | |
| 13. See <u>Sample</u> 14. Are 15. Are 16. Is th | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? | | No NA NA | in comments. | | |
| 13. See <u>Sample</u> 14. Are 15. Are 16. Is th 17. Was | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? | | No NA NA NA | in comments. | | |
| 13. See <u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? | °C-6°C will be | No NA NA NA Yes | in comments. | | |
| See (Sample Are Are Is the Is the | 15 minutes of sampling COC for individual sample temps. Samples outside of 06 <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? | °C-6°C will be | No NA NA NA | in comments. | | |
| 13. See (<u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <u>Field La</u> | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel_ | °C-6°C will be s collected? | No NA NA NA Yes | in comments. | | |
| 13. See (<u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform | °C-6°C will be s collected? | No NA NA Yes Yes | in comments. | | |
| 13. See <u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <u>Field La</u> 20. Were | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel_ | °C-6°C will be s collected? | No NA NA Yes Yes | in comments. | | |
| 13. See (<u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <u>Field La</u> 20. Were | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? | °C-6°C will be s collected? | No NA NA Yes Yes | in comments. | | |
| 13. See (<u>Sample</u> 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the <u>Field La</u> 20. Were | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? | °C-6°C will be s collected? | No NA NA Yes Yes Yes | in comments. | | |
| 13. See 4 Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? | °C-6°C will be s collected? nation: | No NA NA Yes Yes Yes | in comments. | | |
| See 9 Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 19. Sample 21. Does 22. Are 10. See 10. | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? | °C-6°C will be s collected? nation: erved? | No NA NA Yes Yes Yes Yes | in comments. | | |
| See 9 Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 19. Sample 21. Does 22. Are 10. See 10. | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preservation | °C-6°C will be s collected? nation: erved? | No NA NA Yes Yes Yes Yes Yes | in comments. | | |
| See 6 Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wera 20. Wera 21. Doe: 22. Are 24. Is lal | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? | °C-6°C will be s collected? nation: erved? | No NA NA Yes Yes Yes Yes No NA | in comments. | | |
| See 6 Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wera 20. Wera 21. Doe: 22. Are 24. Is lal Multiph | 15 minutes of sampling COC for individual sample temps. Samples outside of 0° <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved sample(s) correctly preserved? b filtration required and/or requested for dissolved metal | °C-6°C will be s collected? nation: erved? ls? | No NA NA Yes Yes Yes Yes No NA | in comments. | | |
| See 4 Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does | 15 minutes of sampling COC for individual sample temps. Samples outside of 0° <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal tase Sample Matrix . | °C-6°C will be s collected? nation: erved? ls? | No NA NA Yes Yes Yes Yes No NA No | in comments. | | |
| See 9 Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye | 15 minutes of sampling COC for individual sample temps. Samples outside of 0 ⁶ <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved sample(s) correctly preserved? b filtration required and/or requested for dissolved metal mase Sample Matrix s the sample have more than one phase, i.e., multiphase? | °C-6°C will be s collected? nation: erved? ls? | No NA NA Yes Yes Yes Yes No NA No | in comments. | | |
| 13. See Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye | 15 minutes of sampling COC for individual sample temps. Samples outside of 0° <u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal mase Sample Matrix s the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyze | °C-6°C will be s collected? nation: erved? ls? d? | No NA NA Yes Yes Yes Yes No NA No | in comments. | | |

Signature of client authorizing changes to the COC or sample disposition.



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

TOMCAT 8 FEDERAL #001

Work Order: E504266

Job Number: 01058-0007

Received: 4/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/2/25

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

Date Reported: 5/2/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001 Workorder: E504266 Date Received: 4/28/2025 6:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2025 6:30:00AM, under the Project Name: TOMCAT 8 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 8 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com





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Sample Summary

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| | | Sampic Sum | mai y | | |
|---|---------------|--|---|----------|---------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | | Project Name: Project Number: Project Manager: | TOMCAT 8 FEDE 01058-0007 Anna Byers | RAL #001 | Reported: 05/02/25 08:30 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| BH10 0.5' | E504266-01A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH10 1' | E504266-02A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH11 0.5' | E504266-03A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH11 1' | E504266-04A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH12 0.5' | E504266-05A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| BH12 1' | E504266-06A | Soil | 04/24/25 | 04/28/25 | Glass Jar, 2 oz. |
| | | | | | |



| | S | ample D | ata | | | |
|--|--------------|------------|------------|--------------------|----------|----------------|
| Devon Energy - Carlsbad | Project Name | : TON | ACAT 8 FED | ERAL #001 | | |
| 6488 7 Rivers Hwy | Project Numb | oer: 0105 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Mana | ger: Ann | a Byers | 5/2/2025 8:30:53AM | | |
| | | BH10 0.5' | | | | |
| | | E504266-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Aı | nalyst: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.1 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Aı | nalyst: SL | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 87.1 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 83.8 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Aı | nalyst: RAS | | Batch: 2518025 |
| Chloride | 254 | 20.0 | 1 | 04/28/25 | 04/29/25 | |



| | | ampic D | | | | | | |
|--|--|------------|-------------|----------|----------|--------------------|--|--|
| Devon Energy - Carlsbad | Carlsbad Project Name: TOMCAT 8 FEDERAL #001 | | | | | | | |
| 6488 7 Rivers Hwy | Project Numb | er: 0103 | 58-0007 | | | Reported: | | |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 5/2/2025 8:30:53AN | | |
| | | BH10 1' | | | | | | |
| | | E504266-02 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | :: SL | | Batch: 2518001 | | |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | |
| p-Xylene | ND | 0.0250 | 1 04/28/25 | | 04/28/25 | | | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | | | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.8 % | 70-130 | 04/28/25 | 04/28/25 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | | Batch: 2518001 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 99.5 % | 70-130 | 04/28/25 | 04/28/25 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | :: KH | | Batch: 2518007 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | | | |
| Surrogate: n-Nonane | | 81.8 % | 61-141 | 04/28/25 | 04/30/25 | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | :: RAS | | Batch: 2518025 | | |
| Chloride | 120 | 20.0 | 1 | 04/28/25 | 04/29/25 | | | |



| | 5 | ampic D | ata | | | | | | | |
|--|--------------|------------|----------|------------|-----------|--------------------|--|--|--|--|
| Devon Energy - Carlsbad | L #001 | | | | | | | | | |
| 6488 7 Rivers Hwy | Project Numb | oer: 010 | 58-0007 | | Reported: | | | | | |
| Artesia NM, 88210 | Project Mana | ger: Ann | a Byers | | | 5/2/2025 8:30:53AM | | | | |
| | | BH11 0.5' | | | | | | | | |
| | | E504266-03 | | | | | | | | |
| | Reporting | | | | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | | | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: SL | | Batch: 2518001 | | | | |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | | | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | | | |
| p-Xylene | ND | 0.0250 | 1 | 1 04/28/25 | | | | | | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | | | | | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.1 % | 70-130 | 04/28/25 | 04/28/25 | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | :: SL | | Batch: 2518001 | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.8 % | 70-130 | 04/28/25 | 04/28/25 | | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | :: KH | | Batch: 2518007 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | | | | | |
| Surrogate: n-Nonane | | 87.2 % | 61-141 | 04/28/25 | 04/30/25 | | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2518025 | | | | |
| Chloride | 192 | 20.0 | 1 | 04/28/25 | 04/29/25 | | | | | |
| | | | | | | | | | | |



| Devon Energy - Carlsbad | Project Name: | | | | | |
|--|---------------|------------|-------------|----------|----------|--------------------|
| 6488 7 Rivers Hwy | Project Numb | er: 010 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 5/2/2025 8:30:53AM |
| | | BH11 1' | | | | |
| | | E504266-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| o-Xylene | ND | 0.0250 | 1 04/28/25 | | 04/28/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 98.5 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 85.5 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 84.7 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2518025 |
| Chloride | 259 | 20.0 | 1 | 04/28/25 | 04/29/25 | |



| Devon Energy - Carlsbad | Project Name | : TON | ACAT 8 FEDERA | AL #001 | | |
|--|---------------|------------|----------------|----------|----------|--------------------|
| 6488 7 Rivers Hwy | Project Numb | oer: 010 | 58-0007 | | | Reported: |
| Artesia NM, 88210 | Project Manag | ger: Ann | a Byers | | | 5/2/2025 8:30:53AM |
| | | BH12 0.5' | | | | |
| | | E504266-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| p-Xylene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.5 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | kg Analyst: SL | | | Batch: 2518001 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.7 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/28/25 | 04/30/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/30/25 | |
| Surrogate: n-Nonane | | 85.2 % | 61-141 | 04/28/25 | 04/30/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: RAS | | Batch: 2518025 |
| Chloride | 60.4 | 20.0 | 1 | 04/28/25 | 04/29/25 | |
| | | | | | | |



| | G | ample D | ala | | | |
|---|--|------------|-------------------------------------|----------|----------------|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name Project Numl Project Mana | ber: 010 | ACAT 8 FEDERA 58-0007 a Byers | AL #001 | | Reported: 5/2/2025 8:30:53AM |
| | | BH12 1' | | | | |
| | | E504266-06 | | | | |
| | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: SL | | Batch: 2518001 |
| Benzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| Toluene | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| p-Xylene | ND | 0.0250 | 1 04/28/25 | | 04/28/25 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/28/25 | 04/28/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/28/25 | 04/28/25 | |
| urrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | ng/kg Analyst: SL | | Batch: 2518001 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/28/25 | 04/28/25 | |
| urrogate: 1-Chloro-4-fluorobenzene-FID | | 95.1 % | 70-130 | 04/28/25 | 04/28/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KH | | Batch: 2518007 |
| Diesel Range Organics (C10-C28) | 29.0 | 25.0 | 1 | 04/28/25 | 04/29/25 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/28/25 | 04/29/25 | |
| Gurrogate: n-Nonane | | 87.9 % | 61-141 | 04/28/25 | 04/29/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2518025 |
| Chloride | 308 | 20.0 | 1 | 04/28/25 | 04/29/25 | |
| | | | | | | |



QC Summary Data

| | | X U N | | | | | | | |
|--|--------|----------------------------------|----------------|-------------------------|-----------|---------------|-------------|--------------|--------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | | OMCAT 8 FE 1058-0007 | DERAL #0 | 001 | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | А | anna Byers | | | | | 5/2/2025 8:30:53AM |
| | | Volatile O | rganics | by EPA 802 | 21B | | | | Analyst: SL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518001-BLK1) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Benzene | ND | 0.0250 | | | | | - | | - |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.80 | 0.0250 | 8.00 | | 97.5 | 70-130 | | | |
| LCS (2518001-BS1) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Benzene | 4.10 | 0.0250 | 5.00 | | 82.1 | 70-130 | | | |
| Ethylbenzene | 4.04 | 0.0250 | 5.00 | | 80.8 | 70-130 | | | |
| Toluene | 4.09 | 0.0250 | 5.00 | | 81.8 | 70-130 | | | |
| o-Xylene | 4.08 | 0.0250 | 5.00 | | 81.5 | 70-130 | | | |
| p,m-Xylene | 8.10 | 0.0500 | 10.0 | | 81.0 | 70-130 | | | |
| Total Xylenes | 12.2 | 0.0250 | 15.0 | | 81.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.16 | | 8.00 | | 102 | 70-130 | | | |
| Matrix Spike (2518001-MS1) | | | | Source: | E504265- | 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Benzene | 5.22 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Ethylbenzene | 5.15 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| Toluene | 5.21 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| o-Xylene | 5.13 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | ND | 103 | 70-130 | | | |
| Total Xylenes | 15.4 | 0.0250 | 15.0 | ND | 103 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.10 | | 8.00 | | 101 | 70-130 | | | |
| Matrix Spike Dup (2518001-MSD1) | | | | Source: | E504265-0 | 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Benzene | 4.72 | 0.0250 | 5.00 | ND | 94.4 | 70-130 | 10.0 | 27 | |
| Ethylbenzene | 4.66 | 0.0250 | 5.00 | ND | 93.3 | 70-130 | 10.0 | 26 | |
| Toluene | 4.71 | 0.0250 | 5.00 | ND | 94.2 | 70-130 | 10.1 | 20 | |
| o-Xylene | 4.66 | 0.0250 | 5.00 | ND | 93.1 | 70-130 | 9.76 | 25 | |
| p,m-Xylene | 9.32 | 0.0500 | 10.0 | ND | 93.2 | 70-130 | 9.91 | 23 | |
| Total Xylenes | 14.0 | 0.0250 | 15.0 | ND | 93.2 | 70-130 | 9.86 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.99 | | 8.00 | | 99.9 | 70-130 | | | |
| Surregue. , Dromoentorobenzene i 1D | 1.22 | | | | | | | | |



OC Summary Data

| | | QC D | umme | ii y Data | и | | | | |
|--|--------|----------------------------------|----------------|-------------------------|-----------|---------------|-------------|--------------|-------------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | 01 | OMCAT 8 FE .058-0007 | DERAL #0 | 001 | | | Reported: 5/2/2025 8:30:53AM |
| Artesia NM, 88210 | | Project Manager | A | nna Byers | | | | | 5/2/2025 8:50:53AM |
| | Non | halogenated (| Organics | by EPA 80 | 15D - GI | RO | | | Analyst: SL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518001-BLK1) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.96 | | 8.00 | | 99.5 | 70-130 | | | |
| LCS (2518001-BS2) | | | | | | | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 46.3 | 20.0 | 50.0 | | 92.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |
| Matrix Spike (2518001-MS2) | | | | Source: | E504265-0 | 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 46.4 | 20.0 | 50.0 | ND | 92.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |
| Matrix Spike Dup (2518001-MSD2) | | | | Source: | E504265-(| 01 | Prepared: 0 | 4/28/25 A | nalyzed: 04/28/25 |
| Gasoline Range Organics (C6-C10) | 48.9 | 20.0 | 50.0 | ND | 97.8 | 70-130 | 5.29 | 20 | |
| | | | | | | | | | |



QC Summary Data

| | | QU N | | ary Date | | | | | |
|--|--------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|--------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | | | | | | | | Reported: |
| Artesia NM, 88210 | | Project Manager: | | Anna Byers | | | | | 5/2/2025 8:30:53AM |
| | Nonh | alogenated Org | anics by | v EPA 8015I |) - DRO | /ORO | | | Analyst: KH |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518007-BLK1) | | | | | | | Prepared: 0 | 4/28/25 A | Analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 40.5 | | 50.0 | | 81.0 | 61-141 | | | |
| LCS (2518007-BS1) | | | | | | | Prepared: 0 | 4/28/25 A | Analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 215 | 25.0 | 250 | | 85.8 | 66-144 | | | |
| Surrogate: n-Nonane | 41.8 | | 50.0 | | 83.7 | 61-141 | | | |
| Matrix Spike (2518007-MS1) | | | | Source: | E504266- | 02 | Prepared: 0 | 4/28/25 A | Analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 227 | 25.0 | 250 | ND | 90.8 | 56-156 | | | |
| Surrogate: n-Nonane | 41.6 | | 50.0 | | 83.2 | 61-141 | | | |
| Matrix Spike Dup (2518007-MSD1) | | | | Source: | E504266- | 02 | Prepared: 0 | 4/28/25 A | Analyzed: 04/30/25 |
| Diesel Range Organics (C10-C28) | 241 | 25.0 | 250 | ND | 96.5 | 56-156 | 6.07 | 20 | |
| Surrogate: n-Nonane | 42.4 | | 50.0 | | 84.9 | 61-141 | | | |



QC Summary Data

| | | | • | <i>J</i> – | | | | | |
|--|-----------------|----------------------------------|-------------------------|---------------------------|------------------------|--------------------|-------------|-------------------|-------------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy | | Project Name: Project Number: | (| TOMCAT 8 FE 01058-0007 | DERAL #(| 001 | | | Reported: 5/2/2025 8:30:53AM |
| Artesia NM, 88210 | | Project Manager: Anions | | Anna Byers 300.0/9056 | ۸ | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2518025-BLK1) | | | | | | | Prepared: 0 | 4/28/25 <i>A</i> | Analyzed: 04/29/25 |
| Chloride LCS (2518025-BS1) | ND | 20.0 | | | | | Prepared: 0 | 4/28/25 <i>F</i> | Analyzed: 04/29/25 |
| Chloride Matrix Spike (2518025-MS1) | 256 | 20.0 | 250 | Source: | 103 E504266- | 90-110 03 | Prepared: 0 | 4/28/25 <i>A</i> | Analyzed: 04/29/25 |
| Chloride Matrix Spike Dup (2518025-MSD1) | 449 | 20.0 | 250 | 192 Source: | 103 E504266- | 80-120 03 | Prepared: 0 | 4/28/25 <i>A</i> | Analyzed: 04/29/25 |
| Chloride | 466 | 20.0 | 250 | 192 | 110 | 80-120 | 3.73 | 20 | |

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.


Definitions and Notes

| Devon E | nergy - Carlsbad | Project Name: | TOMCAT 8 FEDERAL #001 | |
|-----------|------------------|------------------|-----------------------|----------------|
| 6488 7 R | Livers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia N | VM, 88210 | Project Manager: | Anna Byers | 05/02/25 08:30 |

| ND | Analyte NOT DETECTED at or above the reporting limit |
|----|--|
|----|--|

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Reference of the second second

Received by OCD: 6/6/2025 10:45:55 AM

| Client: D | evon Ener | rgy Produ | iction Co | mpany, LP | | Bill To | A. 55. | 198 | | La | b Us | e On | ly | | | TA | T | | EPA Pr | ogram |
|------------|-----------------|------------|----------------------|---------------------|-----------------|----------------------------------|---------------------------------------|------------|--|--------------|---------------------|-------------|---|-----------|----------------|-------|---------------------------------------|---------|------------|---------|
| | TOMCAT | | | | Attention: Jin | n Raley | der we | Lab | WO# | | 1.1.1.1.1.1.2.1.2.1 | | and the second se | 1D | 2D | 3D | Standar | | CWA | SDWA |
| × | Aanager: | | | | | 5 Buena Vista Dr. | 1.1 | EF | TH' | 20 | 0 | DIDE | Number | | | | 5 day TA | | | |
| | 13000 W | | | 1 67 e 199 | City, State, Zi | p: Carlsbad, NM, 88220 | 0 | | ~ | | , | Analy | sis and Me | thod | | | | | | RCRA |
| I | te, Zip_Oc | | | | Phone: 575-8 | | Law. | 1 | | | | | | | | | 2.5.1 | | | 1.0 44 |
| Phone: 4 | 32-305-6 | 415 | | -3 - X - X | Email: jim.ral | ey@dvn.com | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 015 | 212 | 262 | | | | | | - | 5 | State | |
| Email: N | MTXGeoG | Group@et | techenv.o | com | | 6201 - NM Permian Ak | bandon | 03 | by 8 | | | | | | | | NM | | JT AZ | TX |
| 3 | | | | 1 | | KL1622549584 | | | ORO | | | | | | | | | | | |
| Project # | : 19305 | | | | | | | A | RO/O | | | | 0.0 | N | | ~ | | | | |
| Collecte | d by: Hale | igh Blum | e | | di citat | | | Ę. | d/o | 802 | 826 | 6010 | e 30 | | | TX | × | | | - |
| Time | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab | Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC | | GDOC | | Re | emarks | |
| Sampled | | | | | | | Number | | 1 | 81 | 2V | Σ | 5 | | | GI | 1 | _ | | |
| 10:55 | 04.24.25 | S | 1 | | BH10 | | | 0.5' | 1 | | | | | × | | | 4.4 |) | | |
| 11:00 | 04.24.25 | S | 1 | | BH10 | | 2 | 1' | | | | | | × | 12 | | 2.0 | | | |
| 11:05 | 04.24.25 | S | 1 | | BH11 | | 3 | 0.5' | | | - | | | x | | | | | | |
| | | | 1070 A | | | | | - | + | | | | | | | | 5.2 | • | | |
| 11:10 | 04.24.25 | S | 1 | | BH11 | | 4 | 1' | | | | | | × | | | 4 | | | |
| 11:30 | 04.24.25 | S | 1 | | BH12 | | 5 | 0.5' | | | | | | × | | | 5.1 | | | |
| 11:35 | 04.24.25 | S | 1 | | BH12 | | Q | 1' | | | | | | × | | | 4 | 1 | | |
| | | | | | | | 4 | - | - | | | | | | + | | • | | | |
| | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | - | | | | | |
| | | | | | | - | | 11- | È. | | | i | | 1 | | | | | _ | |
| Additior | al Instruc | tions: | | | | | | | | | | | | | | | | | | |
| | | | | | | ing with or intentionally mislal | celling the sam | nple loc | ation, | | | | 934 MARC 200 V 43 | | | | ceived on ice th less than 6 °C or | | | oled or |
| | 0 | | ed fraud and | I may be grounds fo | | Sampled by: HB | - | | - | | | receive | o packed in ice | | and a state | | | subsequ | uent days. | C |
| Relinquish | ed by: (Sign | ature) | R OY | 12 LULS Time | | elle Gonzaleg | Date 4-24- | 25 | Time | 100 | | Poco | ived on id | | Hab U Y)/ N | se On | ly | | | |
| Relinquish | ed by (Sign | ature) | Date | Time | Received | py: (Signature) | Date | | Time | 11 | | Nece | iveu on it | .e. (| | | | | | |
| | | 0 | 1 | | 20 John | i ca. | 4.25. | 28 | The second states in the secon | 600 | C | <u>T1</u> | | <u>T2</u> | | | <u>T3</u> | | | |
| Relinquish | ed by: (Sign | ature) | Date | 22 22 1 | 2200 A | y: Signature | Date 4.78.2 | 25 | Time | 20 | | AVIC | Temp °C_ | | | | | | | |
| Hinde | riv: S. Sail | d solid s- | Sluden | | soeur | winner | Container | Time | N | U lace | | | | mhoral | - | VOA | | 1971213 | | |
| | | | | Aqueous, O - Other | | ements are made. Hazardo | | | | | | | stic, ag - a | | | | he report fo | r the a | analysis o | fthe |
| 1.222 | | | | | | his COC. The liability of the | | | | | | | | | it expe | ense. | ne report to | i the a | analysis O | i the |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | B | | | C | en | | Ír | 01 |
| | | | | | | | | | | | | | C | | | C | | V | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 0 | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| | Devon Energy - Carlsbad D | ate Received: | 04/28/25 | 06:30 | Work Order ID: | E504266 |
|--|---|------------------------------|---|---------------------|----------------|---------------|
| Phone: | (575) 748-0176 D | ate Logged In: | 04/25/25 | 15:18 | Logged In By: | Caitlin Mars |
| Email: | | ue Date: | 05/02/25 | 17:00 (4 day TAT) | | |
| Chain c | of Custody (COC) | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: Courier | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Commen | ts/Resolution |
| Sample | Turn Around Time (TAT) | | | | | |
| | he COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample | · • | | | | | |
| | a sample cooler received? | | Yes | | | |
| | , was cooler received in good condition? | | Yes | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| | e custody/security seals present? | | No | | | |
| | es, were custody/security seals intact? | | NA | | | |
| - | the sample received on ice? | | Yes | | | |
| 12. 1143 | Note: Thermal preservation is not required, if samples are re 15 minutes of sampling | ceived within | ies | | | |
| 13. See | COC for individual sample temps. Samples outside of 0° | °C-6°C will be | recorded | in comments. | | |
| Sample | <u>Container</u> | | | | | |
| 14. Are | aqueous VOC samples present? | | No | | | |
| | VOC samples collected in VOA Vials? | | NA | | | |
| 15. Are | | | | | | |
| | he head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| 16. Is th | - | | NA NA | | | |
| 16. Is th 17. Was | he head space less than 6-8 mm (pea sized or less)? | | | | | |
| 16. Is th 17. Was 18. Are | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? | s collected? | NA | | | |
| 16. Is th 17. Was 18. Are | e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers | s collected? | NA Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer | te head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform | | NA Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? | | NA Yes Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? | | NA Yes Yes Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? | | NA Yes Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field La 20. Wer | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> | ation: | NA Yes Yes Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field L. 20. Wer Sample 21. Doe | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese | ation: | NA Yes Yes Yes Yes No | | | |
| Is th Is th Are Is the Field La Wer Sample 21. Doe 22. Are | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? | ation: erved? | NA Yes Yes Yes Yes | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field L2 20. Wer 20. Wer 21. Doe 22. Are 24. Is la | he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal | ation: erved? | NA Yes Yes Yes Yes No NA | | | |
| Is th Is th Is the Field Li Wer Sample 21. Doe 22. Are 24. Is la Multipl | he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved? b filtration required and/or requested for dissolved metal hase Sample Matrix | ation: erved? s? | NA Yes Yes Yes Yes No NA | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field Li 20. Wer 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe | the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filtration required and/or requested for dissolved metal hase Sample Matrix s the sample have more than one phase, i.e., multiphase? | ation: erved? s? | NA Yes Yes Yes Yes No No | | | |
| Is th Is th Is the Field L2 Wer Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye | he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved? b filtration required and/or requested for dissolved metal hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze | ation: erved? s? | NA Yes Yes Yes Yes No NA | | | |
| Is th Is th Is the Field L2 Wer Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye Subcon | he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved? b filtration required and/or requested for dissolved metal hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze tract Laboratory | ation: erved? s? d? | NA Yes Yes Yes No NA No No | | | |
| 16. Is th 17. Was 18. Are 19. Is the Field L: 20. Wer 20. Wer 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye Subcon 28. Are | he head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preserved? b filtration required and/or requested for dissolved metal hase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze | ation: erved? s? d? | NA Yes Yes Yes Yes No No | Subcontract Lab: NA | | |

Date

envirotech Inc.

Signature of client authorizing changes to the COC or sample disposition.

•

APPENDIX G

Correspondence & Notifications

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



Sante Fe Main Office

G Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

PageH85eof 222 QUESTIONS

Action 439994

QUESTIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 439994 |
| | Action Type: |
| | [NOTIEY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | | | | | | |
|---|--|--|--|--|--|--|
| nKL1622549584 | | | | | | |
| NKL1622549584 2016 MINOR A SWS @ 30-025-38367 | | | | | | |
| Produced Water Release | | | | | | |
| Initial C-141 Approved | | | | | | |
| [30-025-38367] TOMCAT 8 FEDERAL #001 | | | | | | |
| | | | | | | |

| Location of Release Source | | | | | |
|----------------------------|--------------|--|--|--|--|
| Site Name | Unavailable. | | | | |
| Date Release Discovered | 08/04/2016 | | | | |
| Surface Owner | Federal | | | | |

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 400 What is the estimated number of samples that will be gathered 10 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 03/11/2025 19.15.29.12 NMAC Time sampling will commence 07:00 AM Please provide any information necessary for observers to contact samplers Please contact Erick Herrera at 432-305-6416 with any questions. From intersection Red Rd and Mills Ranch Rd, head east for 0.4 miles, continue onto Mills Please provide any information necessary for navigation to sampling site Ranch Rd for 1.5 miles, continue straight for 1.7 miles.

| none: (505) 476-3441 | |
|----------------------|--|
| eneral Information | |

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

| Operator: | | OGRID: |
|--------------|----------------------------|--|
| DEVON ENER | RGY PRODUCTION COMPANY, LP | 6137 |
| 333 West She | eridan Ave. | Action Number: |
| Oklahoma Cit | ty, OK 73102 | 439994 |
| | | Action Type: |
| | | [NOTIFY] Notification Of Sampling (C-141N) |

| CONDITI | ONS | |
|---------------|---|-------------------|
| Created By | | Condition Date |
| jraley | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 3/6/2025 |

CONDITIONS

Page1186cof 222

Action 439994

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

Page1187eof 222 QUESTIONS

Action 440000

| Q | JESTIONS | | |
|---|--|--|--|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP | OGRID: 6137 | | |
| 333 West Sheridan Ave. Oklahoma City, OK 73102 | Action Number: 440000 | | |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) | | |
| QUESTIONS | | | |
| Prerequisites | | | |
| Incident ID (n#) | nKL1622549584 | | |
| Incident Name | NKL1622549584 2016 MINOR A SWS @ 30-025-38367 | | |
| Incident Type | Produced Water Release | | |

| Incident Status | Initial C-141 Approved |
|-----------------|--------------------------------------|
| Incident Well | [30-025-38367] TOMCAT 8 FEDERAL #001 |
| | |

| Location of Release Source | |
|----------------------------|--------------|
| Site Name | Unavailable. |
| Date Release Discovered | 08/04/2016 |
| Surface Owner | Federal |

| Sampling Event General Information | | |
|---|--|--|
| Please answer all the questions in this group. | | |
| What is the sampling surface area in square feet | 400 | |
| What is the estimated number of samples that will be gathered | 10 | |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/12/2025 | |
| Time sampling will commence | 07:00 AM | |
| Please provide any information necessary for observers to contact samplers | Please contact Erick Herrera at 432-305-6416 with any questions. | |
| Please provide any information necessary for navigation to sampling site | From intersection Red Rd and Mills Ranch Rd, head east for 0.4 miles, continue onto Mills Ranch Rd for 1.5 miles, continue straight for 1.7 miles. | |

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 440000 |
| | Action Type: |
| | [NOTIFY] Notification Of Sampling (C-141N) |

| CONDITIONS | | |
|---------------|---|-------------------|
| Created By | | Condition Date |
| jraley | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 3/6/2025 |

Action 440000

Page1188eof 222

Sante Fe Main Office Phone

Gene Phone: (505) 629-6116

Online Phone Directory

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

Page 189e of 222 QUESTIONS

Action 452883

QUESTIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 452883 |
| | Action Type: |
| | [NOTIEY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | | |
|--|--------------------------------------|--|
| Incident ID (n#) | nKL1622549584 | |
| Incident Name NKL1622549584 TOMCAT 8 FEDERAL #001 @ 30-025-38367 | | |
| Incident Type | Produced Water Release | |
| Incident Status | Initial C-141 Approved | |
| Incident Well | [30-025-38367] TOMCAT 8 FEDERAL #001 | |

| Location of Release Source | |
|----------------------------|-----------------------|
| Site Name | TOMCAT 8 FEDERAL #001 |
| Date Release Discovered | 08/04/2016 |
| Surface Owner | Federal |

Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 400 What is the estimated number of samples that will be gathered 10 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 04/24/2025 19.15.29.12 NMAC Time sampling will commence 07:00 AM Please provide any information necessary for observers to contact samplers Please contact Erick Herrera at 432-305-6416 with any questions. From intersection Red Rd and Mills Ranch Rd, head east for 0.4 miles, continue onto Mills Please provide any information necessary for navigation to sampling site Ranch Rd for 1.5 miles, continue straight for 1.7 miles.

| Fe Main Onice |
|-------------------|
| e: (505) 476-3441 |
| ral Information |

https://www.emnrd.nm.gov/ocd/contact-us

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 452883 |
| | Action Type: |
| | [NOTIFY] Notification Of Sampling (C-141N) |

| CONDITIONS | | |
|---------------|---|-------------------|
| Created By | | Condition Date |
| jraley | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 4/16/2025 |

CONDITIONS

Action 452883

Erick Herrera

| From: Sent: | Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov> Wednesday, April 2, 2025 5:15 PM</shelly.wells@emnrd.nm.gov> |
|----------------|---|
| То: | Abe Valladares |
| Cc: | Raley, Jim; camorgan@blm.gov; NM TX Geo Group; Bratcher, Michael, EMNRD |
| Subject: | RE: [EXTERNAL] Devon Characterization Variance Request - Tomcat 8 Federal 1 (nKL1622549584) |

Good afternoon Abe,

The depth to groundwater variance request to use C-04815 POD data is approved and therefore this release may be remediated to Table 1 51 feet-100 feet Closure Criteria. OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations. Please include a copy of this variance request and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 <u>Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Abe Valladares <abevalladares@etechenv.com>
Sent: Wednesday, April 2, 2025 3:22 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>; camorgan@blm.gov; NM TX Geo Group <NMTXGeoGroup@etechenv.com>
Subject: [EXTERNAL] Devon Characterization Variance Request - Tomcat 8 Federal 1 (nKL1622549584)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

Attached, you will find a Characterization Variance Request for the Tomcat 8 Federal 1 (Site) for Incident Number (nKL1622549584) for your review. This request proposes to utilize a Table I depth to ground water (DTW) greater than 55 feet below ground surface (bgs), based on recent OSE POD and USGS data in the vicinity of the Site.

Please let me know if you have any questions or require any additional information.

Thank you,

Received by OCD: 6/6/2025 10:45:55 AM

.



Abraham Valladares

Project Coordinator

Etech Environmental & Safety Solutions, Inc.

C: (432) 967-9624

APPENDIX H

Approved Characterization Variance Request

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





CHARACTERIZATION VARIANCE REQUEST

Prepared For: Devon Energy Production Company, LP 5315 Buena Vista Dr. Carlsbad, NM 88220

Site Information:

Tomcat 8 Federal 1

Incident Number nKL1622549584

Unit P, Section 08, Township 23 South, Range 32 East

Lea County, New Mexico

(32.3143768°, -103.690033°)

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Characterization Variance Request (CVR) detailing the assessment of potential sensitive receptors relative to the Tomcat 8 Federal 1 (Site) location. Based on the results of the desktop review according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC), Devon requests the proposed Site Closure Criteria to drive remediation efforts based on the regional depth to groundwater assessment.

SITE BACKGROUND

The Site is associated with oil and gas exploration and production operations and intersects both State Land managed by the New Mexico State Land Office (NMSLO), and Federal Land managed by the Bureau of Land Management (BLM) surface boundaries. The subject release occurred in Unit P, Section 08, Township 23 South, Range 32 East, in Lea County, New Mexico (32.3143768°, -103.690033°) (**Figure 1** in **Appendix A**), as provided on a Corrective Action Form C-141 (Form C-141). On August 4, 2016, a 1/4-inch nipple on a flowline appeared to have been damaged by a cow and resulted in approximately 6 barrels (bbls) of produced water to be released onto the pad. 5 bbls were able to be recovered via vacuum truck. Devon immediately notified the New Mexico Oil and Conservation Division (NMOCD) via email on August 4, 2016, and reported the release on a Form C-141, which was received by the NMOCD August 12, 2016, and was assigned Incident Number nKL1622549584. The pad was subsequently plugged and abandoned then reclaimed in March 2017.

SITE CHARACTERIZATION AND PROPOSED CLOSURE CRITERIA

Etech characterized the Site according to Table I in 19.15.29.12 of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

An initial desktop review referencing the *NMOCD Oil and Gas Map* and/or the *USGS National Water Information System: Mapper* indicated a New Mexico Office of the State Engineer (NMOSE) permitted soil boring was drilled by Vision Resources (Vision) for Devon on April 16, 2024, located approximately 0.58 miles west of the Site (**Figure 1A** in **Appendix A**). The boring was assigned NMOSE file number C-04815-POD1. Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 55 feet below ground surface (bgs). No fluids were observed throughout the drilling process nor after the 72-hour observation period. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log and plugging record is provided in **Appendix B**.

Characerization Variance Request Tomcat 8 Federal 1 Incident Number nKL1622549584 Based on recent (defined by less than 25 years ago from the current year) depth to groundwater measurements of multiple wells and/or soil borings located within approximately 5 miles surrounding the Site (**Figure 1A** in **Appendix A**), regional depth to groundwater is estimated to be greater than 55 feet bgs. The next closest permitted boring with recent depth to groundwater data is NMOSE permitted boring C-04712-POD2, located approximately 1.06 miles south of the Site. The boring was advanced to a total depth of 55 feet bgs on March 9, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. The next closest well with recent available data is NMOSE permitted boring C-04889-POD1, located 1.56 miles southeast of the Site. The boring was advanced to a total depth of 55 feet bgs on October 21, 2024. No fluids were observed through the drilling process, or after the 72-hr observation period. Based on the desktop well review, a total of 15 recent borings including USGS wells, were utilized to estimate depth to groundwater for the Site within a 5-mile radius. The findings indicate that none of these borings show a depth to groundwater of less than 55 feet bgs.

Additional wells and/or soil borings with recent depth to groundwater data supporting a regional depth to groundwater greater than 55 feet bgs exist within the same 5-mile radius of the Site. All referenced boring and/or well records are included in **Appendix B**.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review and the conservative estimated depth to groundwater at the Site, Devon proposes the following Closure Criteria:

| Constituents of Concern (COCs) | Laboratory Analytical Method | Closure Criteria [†] |
|---|--|--|
| Chloride | Environmental Protection Agency (EPA) 300.0 | 10,000 milligram per kilogram (mg/kg) |
| Total Petroleum Hydrocarbon (TPH) | EPA 8015 M/D | 2,500 mg/kg |
| TPH-Gasoline Range Organics (GRO)+ TPH-Deisel Range Organics (DRO) | EPA 8015 M/D | 1,000 mg/kg |
| Benzene | EPA 8021B or EPA 8260B | 10 mg/kg |
| Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA 8021B or EPA 8260B | 50 mg/kg |

[†]The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

DEPTH TO GROUNDWATER VARIANCE REQUEST

The closest depth to groundwater data for determining the proposed Site Closure Criteria is a dry boring located 0.58 miles, which is 0.08 miles (423 feet) outside the NMOCD accepted buffer for depth to groundwater determination for Site Characterization. If a boring were to be advanced within a 0.5-mile of the Site, depth to groundwater is anticipated to be greater than 100 feet bgs based on regional depth to groundwater data. Scheduling a soil boring would likely increase the timeline for remediation due to the permitting process and the limited availability of drillers.

Devon believes this proposed variance to accept NMOSE permitted boring C-04889 POD 1 and regional groundwater data for the affiliated Site Closure Criteria is equally protective of groundwater, public health, and the environment. If you have any questions or comments, please do not hesitate to contact Erick Hererra at (432) 305-6416 or <u>erick@etechenv.com</u> or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com.

Sincerely,

Characerization Variance Request Tomcat 8 Federal 1 Incident Number nKL1622549584 Etech Environmental and Safety Solutions, Inc.

Erich

Erick Hererra Project Geologist

Josep Stoly

Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, Devon New Mexico Oil Conservation Division Bureau of Land Management New Mexico State Land Office

Appendices:

- Appendix A: Figure 1: Site Map
 Figure 1A: Site Characterization Map Groundwater
 Figure 1B: Site Characterization Map Surficial Receptors
 Figure 1C: Site Characterization Map Subsurface Receptors
- Appendix B: Referenced Well Records

APPENDIX A

Figures

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213











APPENDIX B

Referenced Well Records

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| NC | OSE POD NO. (C-04815 | WELL NO. | DD/ | WELL TAG ID NO |). | OSE FILE NO(S C-4815-POE | | | |
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| OCATIC | WELL OWNER Devon Energ | | irces | | | PHONE (OPTIC | DNAL) | | |
| VELL L | WELL OWNER 205 E. Bend | | | | | CITY Hobbs | | STATE NM 88240 | ZIP |
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| | LICENSE NO. 1833 | 5 | NAME OF LICENSED | DRILLER Jason Maley | | | NAME OF WELL DRI Vi | LLING COMPANY | |
| | DRILLING STA 4-16-2 | | DRILLING ENDED 4-16-24 | DEPTH OF COMPLETED WELL (1 55' | FT) BORE HO | LE DEPTH (FT) 55' | DEPTH WATER FIRS | ST ENCOUNTERED (FT) N/A | |
| Z | COMPLETED | WELL IS: | ARTESIAN *add Centralizer info bel | | OW (UNCONFINED) | | WATER LEVEL PLETED WELL (|)' DATE STATIC 1 4-16 | |
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| DRILLING & CASING INFORMATION | DEPTH (f | feet bgl) TO | BORE HOLE DIAM (inches) | CASING MATERIAL AN GRADE (include each casing string note sections of screer | g, and | ASING NECTION FYPE bling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
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| TO | | | 32E.08. | 143 | | | WELL | TAG ID NO. | | | | PAGE 2 OF |

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 757440 File Nbr: C 04815 Well File Nbr: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON VERTEX RESOURCE SERVICES INC 3101 BOYD DRIVE CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 03/14/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/14/2025.

If you have any questions, please feel free to contact us.

Sincerely,

Rodolfs Chang

Rodolfo Chavez (575)622-6521

drywell



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

| /ell | owner: Devon Energy Res | Sources | | | -1.5 | Phone 1 | No.: | |
|-------|--|-------------------|---------------|-------------|--------------|------------|------------|---------------------------|
| laili | ng address: 205 E Bender | Road#150 | | | 1997 | 3 38 | | |
| ty: | Hobbs | | State: | : <u> </u> | <u>.</u> | NM | | Zip code: 88240 |
| | | | | | | | | |
| . W | ELL PLUGGING INFO | | | | | | | |
| | Name of well drilling c | ompany that plug | gged well: | Vision Res | sources | | | |
| | New Mexico Well Dril | ler License No.: | 1833 | | <u> 1988</u> | | _ Expira | ation Date: 10-7-25 |
| | | | | | | | | 3): |
| | Jason Maley | s were supervised | 1 by the loll | owing we | n armer | (s)/ng sup | bervisor(s | s) |
| | Date well plugging beg | an. 4-22-24 | | Date | well pl | ngging co | ncluded: | 4-22-24 |
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| | Static water level meas | | | | | | | |
| | Date well plugging pla | n of operations w | as approved | d by the St | tate Eng | ineer: _03 | 3-07-2024 | 4 |
| | | | | | | | | If not, please descr |
| | differences between the | e approved plugg | ing plan and | d the well | as it was | s plugged | (attach a | dditional pages as needed |
| | | | | 1 | 1.4.9 | | | |
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Version: September 8, 2009 Page 1 of 2 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

| Depth (ft bgl) | Plugging <u>Material Used</u> (include any additives used) | Volume of <u>Material Placed</u> (gallons) | Theoretical Volume of Borehole/ Casing (gallons) | Placement <u>Method</u> (tremie pipe, other) | <u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.) |
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| | NATURE: | cubic feet x | 7.4805 = gallons 1.97 = gallons | | |

For each interval plugged, describe within the following columns:

III. SIGNATURE:

I, Jason Maley , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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Released to Imaging: 6/9/2025 2:19:30 PM

| FROM TO THICKNESS (feet) COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) WATER BEARING? WATER WATER BEARING? | L- |
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| 8 WELL TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. | |
| WELL TEST START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Wole would Net Stey Open Past 35' PW3ged No worker PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENT | - - 6)- |
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| 05E 0JJ APR 4 2023 PM1:23 | |
| THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE A CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINE AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: | |
| CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINAND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: | |
| | 0.000 |
| FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version $09/22/2$ FILE NO. $C - 47/2 - POD 2$ POD NO. 2 TRN NO. $74/3/89$ | J22) |
| LOCATION Neon 23.32.17.444 Well TAG ID NO. PAGE 2 |)F 2 |

Received by OCD: 6/6/2025 10:45:55 AM

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189 File Nbr: C 04712 Well File Nbr: C 04712 POD2

Apr. 04, 2023

VERTEX RESOURCES P.O. BOX 936 ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

If you have any questions, please feel free to contact us.

Sincerely, ompio

Maret Thompson (575)622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| N | OSE POD NO. POD1 | (WELL NO | .) | | VELL TAG ID NO J/A |). | | OSE FILE NO(3 C-04889 PO | | | | |
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| LOC | | | iction Company, LI | , | | | | 575-689-759 |)/ | | | |
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| WE | JJIJ Buena | a vista Di | | | | | | Carisbau | | INIVI | 88220 | |
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| AL / | LOCATION | | TITUDE | 32 | 18 | 30. | 96 N | | REQUIRED: ONE TENT | TH OF A SE | ECOND | |
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| GEN | DESCRIPTIC | ON RELATIN | G WELL LOCATION TO | STREET ADDRES | SS AND COMMO | N LANDM | ARKS – PLS | S (SECTION, TO | WNSHJIP, RANGE) WH | ERE AVAI | LABLE | |
| 1. | Unit C, Sec | ction 15, T | Township 23S, Rang | ge 32E, Lea Co | ounty, NM | | | | | | | |
| | LICENSE NO. | | NAME OF LICENSED | DRILLER | | | | | NAME OF WELL DRI | LLING CO | MPANY | |
| | WD1 | 188 | | Joh | n Scarboroug | h | | | John Sca | rborough | Drilling Inc | 2 |
| | DRILLING ST | | DRILLING ENDED | DEPTH OF COMI | | T) | | LE DEPTH (FT) | DEPTH WATER FIRS | | NTERED (FT) | |
| | 10/21/2 | 2024 | 10/21/2024 | | 105 | | | 105 | | N/A | | |
| z | COMPLETED | WELL IS: | ARTESIAN | ✓ DRY HOLE | SHALLC | OW (UNCO | NFINED) | | STATIC WATER LEV | EL IN COM N/A | 1PLETED WE | LL (FT) |
| TI0 | DRILLING FL | LUID: | ✓ AIR | MUD | ADDITIV | VES – SPEC | CIFY: | | | | | |
| & CASING INFORMATION | DRILLING M | ETHOD: | ✓ ROTARY | HAMMER | CABLE 1 | TOOL | OTHE | R – SPECIFY: | | | | |
| NFO | DEPTH (| (feet bgl) | BORE HOLE | CASING M | ATERIAL ANI | D/OR | CA | SING | CASING | CASIN | IG WALL | SLOT |
| NG I | FROM | ТО | DIAM | | GRADE ch casing string | and | CONN | JECTION | INSIDE DIAM. | | CKNESS | SIZE |
| ASI | | | (inches) | | ctions of screen | | | YPE ing diameter) | (inches) | (in | ches) | (inches) |
| & C | 0 | 105 | 5.00 | S | oil Boring | | | | - | | | |
| NG | | | | | | | | | | | | |
| DRILLING | | | | | | | - | | | | | |
| | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | |
| | | | | | | | | | OSE DII RI | | and the second s | |
| | | | | | | | | | | 24 AM 1 | 0:29 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | DEPTH (| (feet bgl) | BORE HOLE | LIST | ANNULAR S | EAL MA | TERJAL A | ND | AMOUNT | | METHO | D OF |
| AL | FROM | TO | DIAM. (inches) | | EL PACK SIZE | | | | (cubic feet) | | PLACEN | |
| ERL | | | | | 1 | N/A | - | | | | | |
| IAT | | | | | | | | | | | | |
| RN | | | | | | | | | | | | |
| ULA | | | | | | | | | | | | |
| ANNULAR MATERIAL | | | | | | | | | | | | |
| 3. 4 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| FOR | OSE INTER | NAL USE | $r = \overline{d}^{2}$ | | | | | WR-20 | 0 WELL RECORD a | ۶ LOG (۱ | Version 04/3 | 0/19) |
| FILE | ENO. C- | 0488 | 3 | | POD NO | D. | | TRN N | 10. 768314 | | | |
| LOC | | | E.15.42 | | | | | WELL TAG II | D NO | | PAGE | 1 OF 2 |

| | DEPTH (| feet bgl) TO | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES/NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) |
|-------------------------------------|--|---|---|--|--|--|
| | | | 10 | Sand with Silt, Red to Medium Brown, Coarse to Very Fine | Y VN | |
| | 0 | 10 | | Sand with Gravel, Light Brown to Tan, Medium to Coarse with Grave | I Y √N | |
| | 10 | 20 | 10 | Gravel with Sand, White to Tan, Small to Large with Medium to Coars | | |
| | 20 | 30 | 10 | Sand with Gravel, Medium to Light Brown, Coarse to Fine with Grave | | |
| | 30 | 40 | 10 | Sand with Gravel, Light Brown to Tan, Coarse to Fine with Gravel | Y VN | |
| | 40 | 50 | 10 | Silty Sand, Light Brown to Red, Coarse to Very Fine | Y √N | |
| TT | 50 | 60 | 10 | Inter-bedded Sandstone and Sand, Medium Brown, Medium to Coars | e Y √N | 84/108 /109 |
| WE | 60 | 70 | 10 | Claycy Sand, Dark to Medium Brown, Medium to Fine Grained | Y √N | |
| 40 | 70 | 80 | 10 | Clayey Sand, Dark to Medium Brown, Medium to Fine Grained | Y /N | |
| E0G | 80 | 90 | 10 | | | |
| CIC | 90 | 100 | 10 | Clayey Sand, Dark Red to Medium Brown, Medium to Fine Grained | Y √N | |
| EQ | 100 | 105 | 5 | Silty Sand, Light Brown to Tan, Coarse to Fine Grained | Y VN | |
| HYDROGEOLOGIC LOG OF WELL | 105 | 105 | 0 | Silty Sand, Tan to Green, Coarse to Fine Grained | Y N | |
| ROC | | | | | Y N | |
| HYD | | | | | Y N | |
| 4 | | | | | | |
| | | | | | _ | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | | | | | Y N | |
| | METHODI | ISED TO ES | TIMATE YIELD | OF WATER-BEARING STRATA: | TOTAL ESTIMATED | |
| | | | | BAILER OTHER - SPECIFY: | WELL YIELD (gpm): | 0.00 |
| | | | RESULTS - ATT T TIME, END TI | ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV | CLUDING DISCHARGE ER THE TESTING PERIO | METHOD, DD. |
| z | WELL TEST | STAR | | | | |
| FEST; RIG SUPERVISION | MISCELLA | NEOUS INF | be | | rill cuttings from total d o ground surface. II ROSWELL NM EC '24 AM10:29 | lepth to 10 ft |
| 5. TEST; RIG SUPERVISION | MISCELLAN PRINT NAM Scott Scarbo | NEOUS INF NEOUS INF NE(S) OF DI Prough | be RILL RIG SUPE | elow ground surface (bgs), then hydrated bentonite chips 10 ft bgs 1 OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL COM | THE COUNC IS A TRUE | HAN LICENS |
| TEST; RIG SUPERVISI | MISCELLAI PRINT NAM Scott Scarbo BY SIGNING | NEOUS INF NEOUS INF ME(S) OF DF wrough G BELOW, THE ABO DRD WILL J | RILL RIG SUPER | Pelow ground surface (bgs), then hydrated bentonite chips 10 ft bgs to OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON NAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FO WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, H WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP | THE COMPARENT OF THE CO | HAN LICENS |
| 6. SIGNATURE 5. TEST; RIG SUPERVISI | MISCELLAI PRINT NAM Scott Scarbo BY SIGNING RECORD OF WELL RECO | NEOUS INF NEOUS INF ME(S) OF DI wrough G BELOW, THE ABO DRD WILL A SIGNATU | I CERTIFY TH VE DESCRIBED ALSO BE FILED | Pelow ground surface (bgs), then hydrated bentonite chips 10 ft bgs to OSE D 16 D RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON TAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOR WELL I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, H WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMP R / PRINT SIGNEE NAME | THE CORD & LOG (V | HAN LICENS |
| 6. SIGNATURE 5. TEST; RIG SUPERVISI | MISCELLAN PRINT NAM Scott Scarbo BY SIGNING RECORD OF WELL RECO | IE(S) OF DE rough G BELOW, THE ABO DRD WILL A SIGNATU | I CERTIFY TH VE DESCRIBED ALSO BE FILED | POD NO. | The formation of the fo | HAN LICENS |



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

(A CLW##### in the POD suffix

replaced & no longer

(R=POD has indicates (R=P the POD has been been replaced, O=orphaned,

(quarters are

| & no longer serves a water right file.) | C=orphaned, C=the file is closed) | | | smalle larges | | | | | | | | | (meters) | | (In feet) |) |
|---|---|--------------|--------|------------------|-----|----|-----|-----|-------|----------|-------------|-----|----------|---------------|--------------|-----------------|
| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | x | Y | Мар | Distance | Well Depth | - - - | Water Column |
| <u>C 04815 POD1</u> | | CUB | LE | NW | SE | SW | 08 | 23S | 32E | 622391.9 | 3576025.7 | • | 922 | 55 | | |
| <u>C 04712 POD2</u> | | CUB | LE | SE | SE | SE | 17 | 23S | 32E | 623331.9 | 3574331.5 | • | 1704 | 55 | | |
| <u>C 04889 POD1</u> | | CUB | LE | SE | NE | NW | 15 | 23S | 32E | 625771.5 | 3575426.3 | • | 2532 | 105 | | |
| <u>C 04862 POD1</u> | | CUB | LE | NE | NW | NW | 04 | 23S | 32E | 623697.0 | 3578798.5 | ۲ | 2788 | 105 | 78 | 27 |
| <u>C 02349</u> | | CUB | ED | SE | NE | SW | 03 | 23S | 32E | 625677.9 | 3578003.4 | ٩ | 3075 | 525 | | |
| <u>C 02216</u> | | CUB | LE | NE | NE | SE | 21 | 23S | 32E | 625035.0 | 3573261.0 * | ٩ | 3265 | 585 | 400 | 185 |
| <u>C 03851 POD1</u> | | CUB | LE | SW | SW | SE | 20 | 23S | 32E | 622879.6 | 3572660.0 | ٩ | 3403 | 1392 | 713 | 679 |
| <u>C 04704 POD1</u> | | CUB | ED | SW | NE | NE | 13 | 23S | 31E | 619854.4 | 3575363.5 | ٩ | 3524 | | | |
| <u>C 04807 POD1</u> | | CUB | LE | NW | NE | NW | 11 | 23S | 32E | 627099.7 | 3577375.0 | ۲ | 4015 | 105 | | |
| <u>C 04712 POD3</u> | | CUB | ED | SE | NW | NE | 24 | 23S | 31E | 619650.7 | 3573877.9 | ۲ | 4251 | 55 | | |
| <u>C 04726 POD1</u> | | CUB | ED | NW | NW | SE | 01 | 23S | 31E | 619538.3 | 3578821.3 | ۲ | 4691 | | | |
| <u>C 04877 POD1</u> | | CUB | LE | SE | NW | NW | 30 | 23S | 32E | 620404.8 | 3572240.0 | ۲ | 4782 | 105 | | |
| <u>C 04663 POD1</u> | | CUB | LE | SW | NW | NE | 31 | 22S | 32E | 621181.3 | 3580341.4 | ٢ | 4804 | 110 | | |
| <u>C 03529 POD1</u> | | С | LE | NE | SE | SW | 29 | 23S | 32E | 622651.2 | 3571212.5 | ٢ | 4868 | 550 | | |
| <u>C 04774 POD1</u> | | CUB | ED | SE | NE | NE | 23 | 23S | 31E | 618456.0 | 3573856.4 | ٩ | 5324 | 105 | | |
| <u>C 04598 POD1</u> | | CUB | LE | NE | SW | NW | 29 | 22S | 32E | 622069.2 | 3581570.2 | ٩ | 5672 | 56 | | |
| <u>C 04780 POD1</u> | | CUB | LE | NW | SW | NW | 34 | 23S | 32E | 625363.6 | 3570521.7 | ۲ | 5882 | 80 | | |
| <u>C 04855 POD1</u> | | CUB | ED | NE | SW | SW | 11 | 23S | 31E | 617417.6 | 3575936.7 | ۲ | 5897 | 105 | | |
| <u>C 04712 POD4</u> | | CUB | ED | NW | SE | SW | 14 | 23S | 31E | 617535.4 | 3574316.2 | ۲ | 6029 | 55 | | |
| <u>C 04712 POD1</u> | | CUB | LE | NW | SE | NW | 31 | 23S | 32E | 620917.2 | 3570289.2 | ۲ | 6226 | 55 | | |
| <u>C 02777</u> | | CUB | ED | SE | SE | SE | 10 | 23S | 31E | 616973.8 | 3575662.1 | ۲ | 6351 | 890 | | |
| <u>C 03749 POD1</u> | | CUB | ED | | NE | NE | 15 | 23S | 31E | 616973.8 | 3575662.1 | ٩ | 6351 | 865 | 639 | 226 |
| <u>C 04790 POD1</u> | | CUB | ED | SE | SE | SW | 25 | 23S | 31E | 619309.4 | 3570904.8 | ٩ | 6508 | 55 | | |
| <u>C 02258</u> | | С | ED | | SW | NE | 26 | 23S | 31E | 618055.0 | 3571853.0 * | ٩ | 6719 | 662 | | |
| <u>C 02756</u> | | CUB | ED | SW | SE | SE | 26 | 22S | 31E | 618250.0 | 3580606.0 * | ٩ | 6821 | 1998 | | |
| <u>C 03152</u> | | CUB | ED | SW | SE | SE | 26 | 22S | 31E | 618250.0 | 3580606.0 * | ۲ | 6821 | 938 | | |
| <u>C 03555 POD1</u> | | С | LE | NE | NE | NW | | 24S | | | 3569233.6 | ۹ | 6825 | 600 | 380 | 220 |
| <u>C 04837 POD1</u> | | CUB | LE | SE | NW | SE | 19 | 22S | 32E | 621328.1 | 3582655.6 | ٩ | 6911 | 80 | | |
| <u>C 02348</u> | | С | ED | NW | SE | SW | | 23S | | | 3571068.0 | ٩ | 7535 | 700 | 430 | 270 |
| <u>C 02939</u> | | С | LE | SW | SW | NW | 19 | | 32E | 620234.0 | 3583042.0 * | ٢ | 7653 | 280 | | |
| <u>C 03138</u> | | CUB | ED | SW | SW | SW | | 22S | | | 3580591.0 * | ٩ | 7750 | 750 | | |
| <u>C 04746 POD1</u> | | CUB | ED | SW | SE | SW | 36 | | 31E | | 3569417.8 | ٩ | 7779 | 105 | | |
| <u>C 04907 POD1</u> | | CUB | LA | SW | SW | | 17 | 22S | | | 3583785.0 | ٩ | 7803 | 55 | | |
| <u>C 02773</u> | | CUB | ED | SE | NW | SW | | | 31E | | 3577762.0 * | ۲ | 7838 | 880 | | |
| <u>C 04709 POD1</u> | | CUB | ED | SW | NW | NW | | 23S | | | 3575262.4 | ٩ | 7843 | | | |
| <u>C 02275</u> | | CUB | LE | SW | SW | | 19 | | 33E | | 3573557.0 * | ٩ | 7926 | 650 | 400 | 250 |
| <u>C 03527 POD1</u> | | С | LE | NW | NE | | 03 | 24S | | | 3568487.2 | ٩ | 7938 | 500 | | |
| <u>C 04740 POD1</u> | | CUB | ED | SW | SE | SE | 23 | 22S | 31E | 618327.8 | 3582299.2 | ۲ | 8005 | 110 | | |
| | | | | | | | | | | | | | | | | |

Average Depth to Water: **434 feet** Water Column/Average Depth to Water

Maximum Depth: 713 feet

Record Count: 38

Basin/County Search: Basin: C

UTM Filters (in meters): Easting: 623314 Northing: 3576036 Radius: 8047

* UTM location was derived from PLSS - see Help

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

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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QUESTIONS

Action 471572

| | ILO. | | |
|---|------|----|------|
| Q | JES | пu | GNIV |

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 471572 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nKL1622549584 |
| Incident Name | NKL1622549584 TOMCAT 8 FEDERAL #001 @ 30-025-38367 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |
| Incident Well | [30-025-38367] TOMCAT 8 FEDERAL #001 |
| | |

Location of Release Source

| Please | answer all the | questions in this group. |
|--------|----------------|--------------------------|
| | | |

| Site Name | TOMCAT 8 FEDERAL #001 |
|-------------------------|-----------------------|
| Date Release Discovered | 08/04/2016 |
| Surface Owner | Federal |

Incident Details

| Please answer all the questions in this group. | |
|---|------------------------|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | Νο |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

| Material(s) released, please answer all that apply below. Any calculations or specific justifications fo | r the volumes provided should be attached to the follow-up C-141 submission. |
|---|---|
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Valve Produced Water Released: 6 BBL Recovered: 5 BBL Lost: 1 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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QUESTIONS, Page 2

Action 471572

| QUESTIONS (continued) | | |
|-------------------------------------|--|--|
| Operator: | OGRID: | |
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 | |
| 333 West Sheridan Ave. | Action Number: | |
| Oklahoma City, OK 73102 | 471572 | |
| | Action Type: | |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |

QUESTIONS

| Nature and Volume of Release (continued) | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | Unavailable. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e | e. gas only) are to be submitted on the C-129 form. |

| Initial Response | |
|--|--|
| The responsible party must undertake the following actions immediately unless they could create a s | afety hazard that would result in injury. |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi | Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of |
| actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | |
| Subsection A or 19.13.29.11 NWAC), please prepare and attach an information needed for closure e | |
| to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a | knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/06/2025 |

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QUESTIONS, Page 3

Action 471572

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| QUESTIONS | (continued |
|-----------|------------|
|-----------|------------|

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 471572 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs) | Between 51 and 75 (ft.) |
|--|---------------------------------|
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release an | nd the following surface areas: |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

| Please answer all the questions the | at apply or are indicated. This information must be provided to | the appropriate district office no later than 90 days after the release discovery date. |
|-------------------------------------|--|--|
| Requesting a remediation p | lan approval with this submission | Yes |
| Attach a comprehensive report den | nonstrating the lateral and vertical extents of soil contamination | n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |
| Have the lateral and vertical | extents of contamination been fully delineated | Yes |
| Was this release entirely co | ntained within a lined containment area | No |
| Soil Contamination Sampling: | (Provide the highest observable value for each, in mi | illigrams per kilograms.) |
| Chloride | (EPA 300.0 or SM4500 CI B) | 1300 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 4960 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 2270 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |
| | MAC unless the site characterization report includes completed elines for beginning and completing the remediation. | d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| On what estimated date will | the remediation commence | 08/31/2025 |
| On what date will (or did) th | e final sampling or liner inspection occur | 08/31/2025 |
| On what date will (or was) the | ne remediation complete(d) | 08/31/2025 |
| What is the estimated surface | ce area (in square feet) that will be reclaimed | 243 |
| What is the estimated volum | ne (in cubic yards) that will be reclaimed | 36 |
| What is the estimated surface | ce area (in square feet) that will be remediated | 243 |
| What is the estimated volum | ne (in cubic yards) that will be remediated | 36 |
| These estimated dates and measur | ements are recognized to be the best guess or calculation at th | e time of submission and may (be) change(d) over time as more remediation efforts are completed. |

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 471572

| QUESTIONS (continued) | | |
|-------------------------------------|--|--|
| Operator: | OGRID: | |
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 | |
| 333 West Sheridan Ave. | Action Number: | |
| Oklahoma City, OK 73102 | 471572 | |
| | Action Type: | |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |

QUESTIONS

Remediation Plan (continued)

| Remediation Plan (continued) | |
|---|---|
| Please answer all the questions that apply or are indicated. This information must be provided to the | |
| This remediation will (or is expected to) utilize the following processes to remediate | / reduce contaminants: |
| (Select all answers below that apply.) | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efi which includes the anticipated timelines for beginning and completing the remediation. | forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a | nowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface a does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com |

Date: 06/06/2025 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

| QUESTIONS | (continued) |
|-----------|-------------|

| Operator: | OGRID: |
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| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 471572 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Deferral Requests Only | | |
|--|----|--|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. | | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No | |

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QUESTIONS, Page 5

Action 471572

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

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QUESTIONS, Page 6

Action 471572

QUESTIONS (continued)

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 471572 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 452883 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/24/2025 |
| What was the (estimated) number of samples that were to be gathered | 10 |
| What was the sampling surface area in square feet | 400 |
| | |

Remediation Closure Request

 Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

 Requesting a remediation closure approval with this submission

 No

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

CONDITIONS

| Operator: | OGRID: |
|-------------------------------------|--|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 471572 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

CONDITIONS

| Created By | | Condition Date |
|------------|--|-------------------|
| scwells | Remediation plan approved. Submit remediation closure report to the OCD by 9/8/2025. | 6/9/2025 |

CONDITIONS

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Action 471572