



CLOSURE AND RECLAMATION REQUEST REPORT

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

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Closure and Reclamation Request Report (CRRR) detailing excavation soil sampling activities and subsequent reclamation activities conducted in accordance with an approved Site Characterization Remediation Plan (SCRP) to address an inadvertent release of produced water at the Tomcat 8 Federal #001 (Site) (**Figure 1** in **Appendix A**). The SCRCP was received on June 6, 2025, and was subsequently approved on June 9, 2025, and was assigned application ID number ([471572](#)).

Based on completed remedial actions and laboratory analytical results from final confirmation soil sampling activities at the Site, Devon is requesting No Further Remedial Action (NFRA) for Incident Number nKL1622549584.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the approved SCRCP, 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 SCRCP previously approved by the NMOCD, the following Site 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
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.

EXCAVATION SOIL SAMPLING ACTIVITIES

Closure and Reclamation Request Report
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pg. 1

On July 18, 2025, Etech oversaw the excavation of identified impacts via mechanical equipment based on detailed corrective actions in the approved SCRP and field screening results for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Following the removal of impacted soil, Etech collected 5-point composite confirmation soil samples from the excavation at a sampling frequency of 200 square feet (sqft) from the floors (FS01 through FS03) and sidewalls (SW01 through SW04). The 5-point composite confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then placed on ice and transported under strict chain-of-custody procedures to Envirotech, Inc. (Envirotech) in Farmington, New Mexico for analysis of the COCs.

Upon review of laboratory analytical results, Etech concluded that additional excavation was warranted. On August 14, 2025, Etech oversaw continued excavation activities via mechanical equipment to remove identified residual soil impacts within proximity of sidewalls SW02 and SW04. Following the removal of impacted soil, Etech collected 5-point composite sidewall soil samples at a sampling frequency of 200 square feet from the excavation sidewalls. The soil samples were collected, handled, and analyzed as previously described.

Approximately 41 cubic yards (CY) of impacted soil were excavated, removed from the Site, and transported to a waste management facility under Devon approved manifests. The excavation extent and location of confirmation excavation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of excavation activities is included in **Appendix C**.

FINAL CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all final confirmation soil samples were below the applicable Site Closure Criteria and/or reclamation standard. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical results are provided in **Appendix E**.

RECLAMATION

On August 29, 2025, the excavation, which totaled approximately 271 sqft, was backfilled with 41 CY of clean, locally sourced soil and the Site was restored to “as close to its original state” as possible. The final soil cover was contoured to match the Site’s pre-existing grade to prevent ponding of water and erosion. The Site will be reseed with BLM Seed Mix #2 (LPC Sand/Shinnery Sites) which will be hand-broadcasted over the entire disturbed area in the next favorable season following BLM guidelines (**Appendix F**). The selected seed blend will provide the maximum results of vegetation regrowth and ground surface coverage to match pre-existing conditions at the Site. Site inspections will be performed annually to assess the revegetation progress and evaluate the Site for the presence or absence of primary and/or secondary noxious weeds. Upon confirmation that the percentage of vegetation cover and the life-form ratio fulfill the NMOCD definition of “revegetation”, a Revegetation Report will be prepared and submitted to the NMOCD requesting approval of the Site restoration. If no growth is shown within a year of the next favorable growing season, the Site will be reseeded accordingly. If noxious weeds are identified, Devon will address them accordingly.

Concurrently with backfilling activities, Etech assessed the backfill material for its capacity to host vegetative growth. Two 5-point composite soil samples were collected from the backfill stockpile to use as soil cover material for the excavation areas (STKP01 through STKP02). The soil samples were field screened for VOCs and chloride, as previously described, and qualitatively evaluated for nutrient density of pH, Nitrogen (N), Phosphorus (P), and Potassium (K) utilizing a HoldAll® Soil Test Kit according to the operating manual, which is included in **Appendix G**. Field screening and laboratory analytical results indicated the backfill material appears to correlate with surrounding soil conditions currently supporting native vegetative growth, as summarized in **Table 1**, and **Table 2** included in **Appendix D**. The location of the reclaimed area is

shown in **Figure 3** in **Appendix A**. Photographic documentation of restoration activities is included in **Appendix C**.

CLOSURE REQUEST

Based on laboratory analytical results, Devon believes that residual soil impacts associated with the inadvertent release have been excavated and removed from Site and the remediation area subsequently reclaimed "as close to its original state" as possible. Concentrations of COCs for all confirmation soil samples were below the Site Closure Criteria and/or reclamation standard. As such, NFRA appears warranted at this time and this CRRR associated with Incident Number nK1622549584 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Erick Herrera at (432) 305-6416 or erick@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com. **Appendix H** provides correspondence and email notification receipts associated with the subject release.

Sincerely,

Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Project Geologist



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: Excavation Soil Sampling Locations
 - Figure 3: Future Revegetation Areas
- Appendix B:** Referenced Well Records
- Appendix C:** Photographic Log
- Appendix D:** Tables
- Appendix E:** Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix F:** BLM Seed Mixture 2 (LPC Sand/Shinnery Sites)
- Appendix G:** HoldAll® Operating Manual
- Appendix H:** Correspondence & Notifications

APPENDIX A

Figures

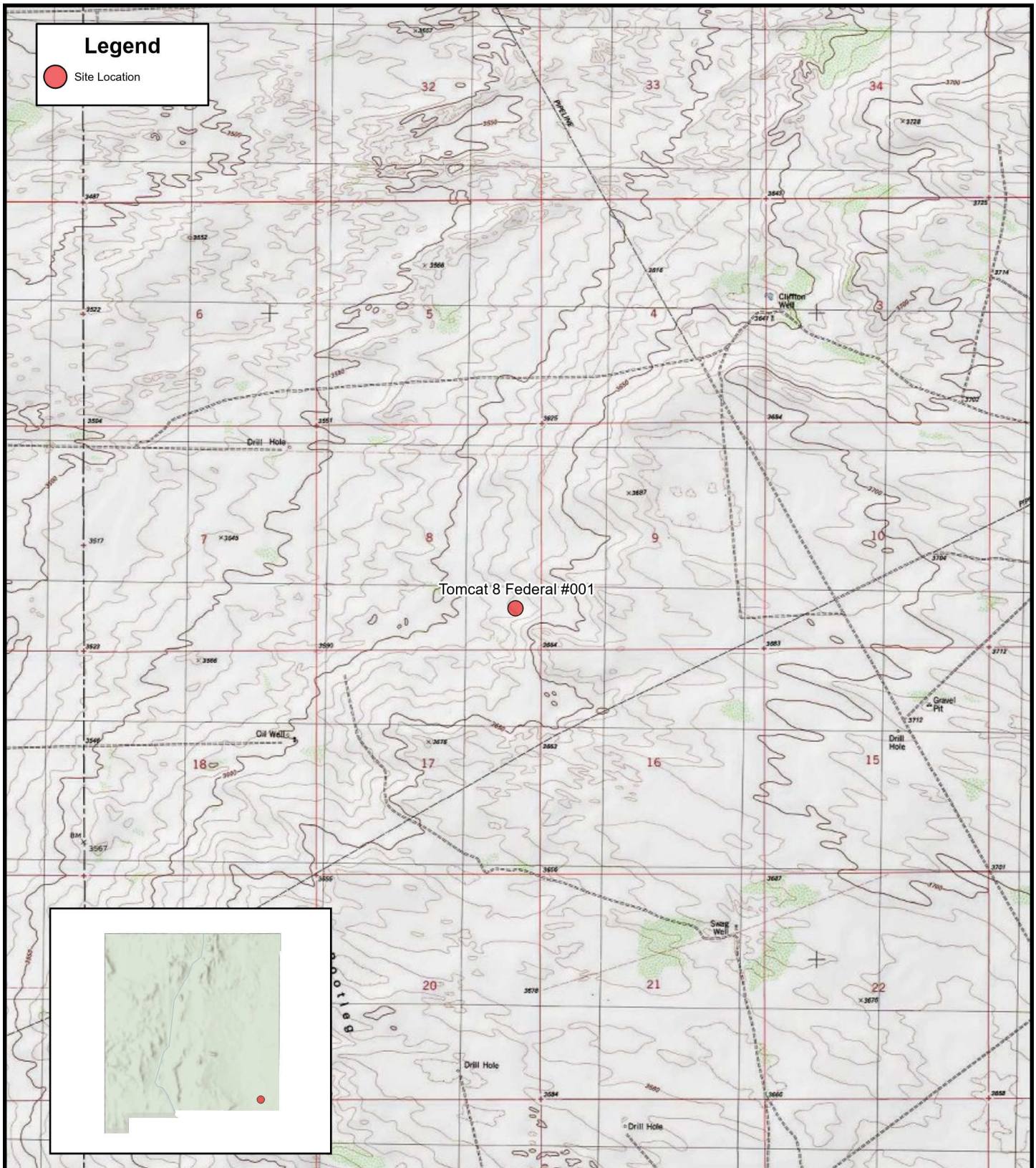


FIGURE 1

Site Location Map

Devon Energy Production Company, LP
Tomcat 8 Federal #001
Unit P Sec 08 T23S R32E
Lea County, New Mexico



0 2,000 4,000 Feet

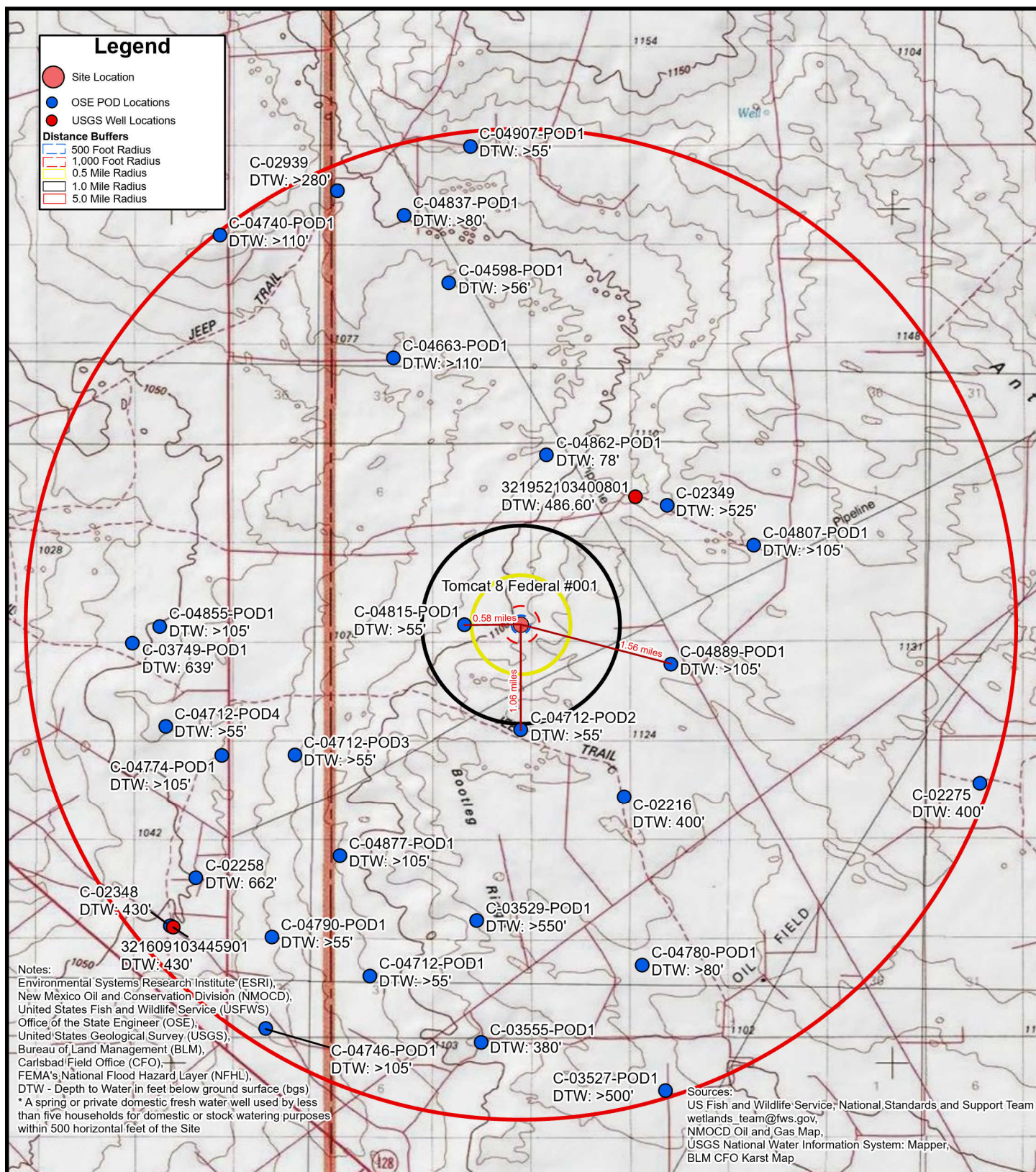


FIGURE 1A
Site Characterization Map
Groundwater

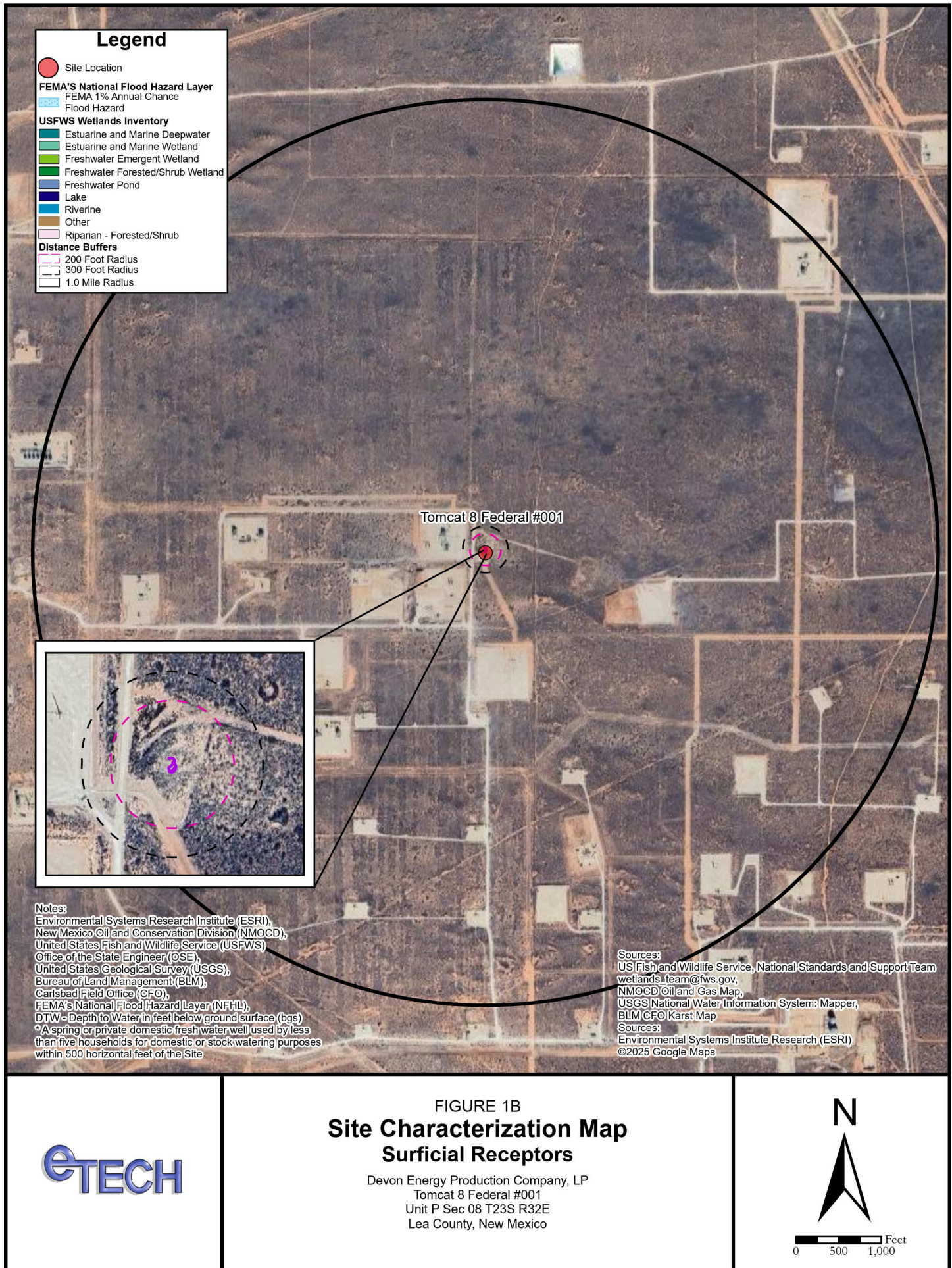
Devon Energy Production Company, LP
Tomcat 8 Federal #001
Unit P Sec 08 T23S R32E
Lea County, New Mexico

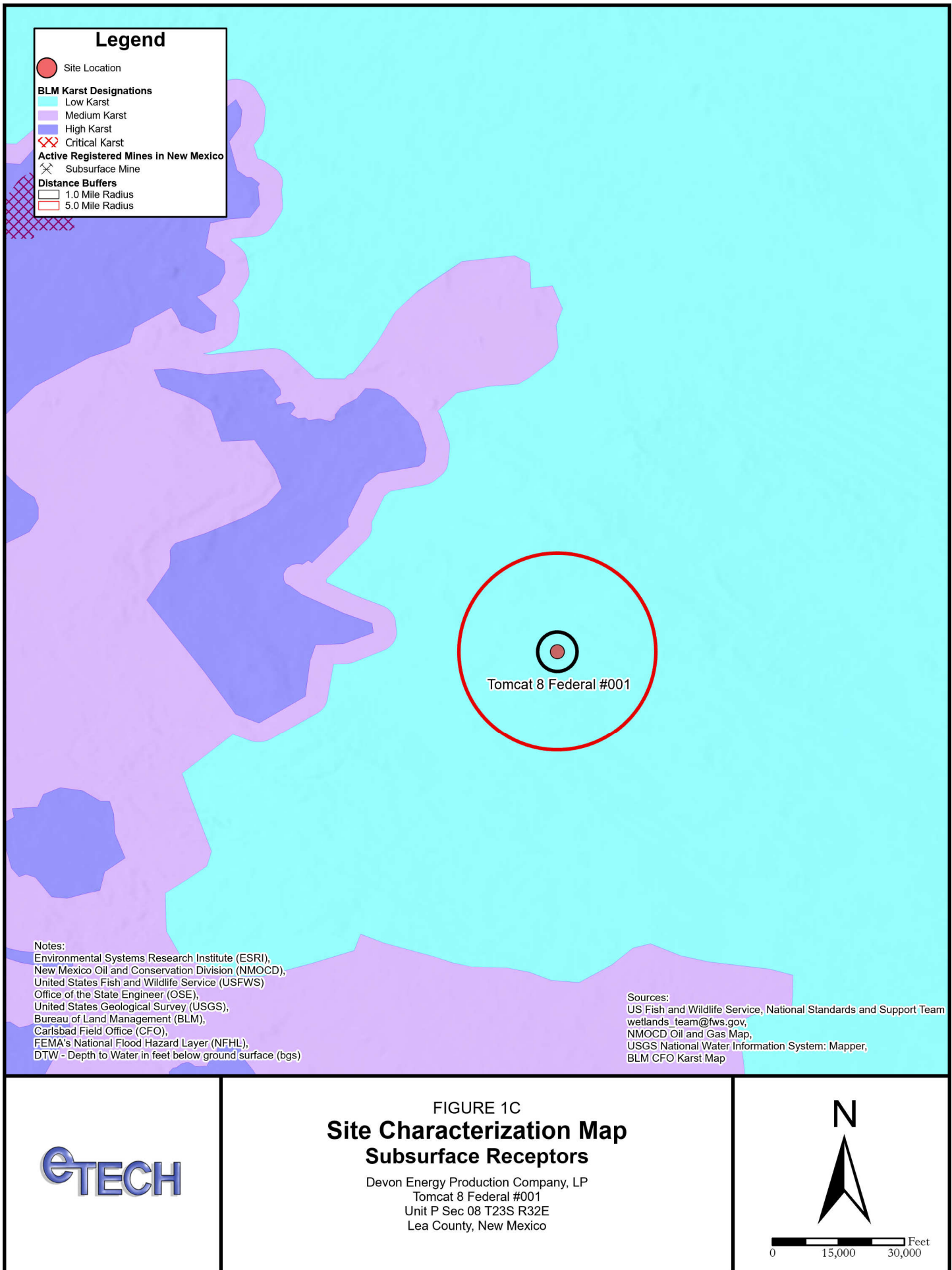
N



0 4,850 9,700 Feet

eTECH





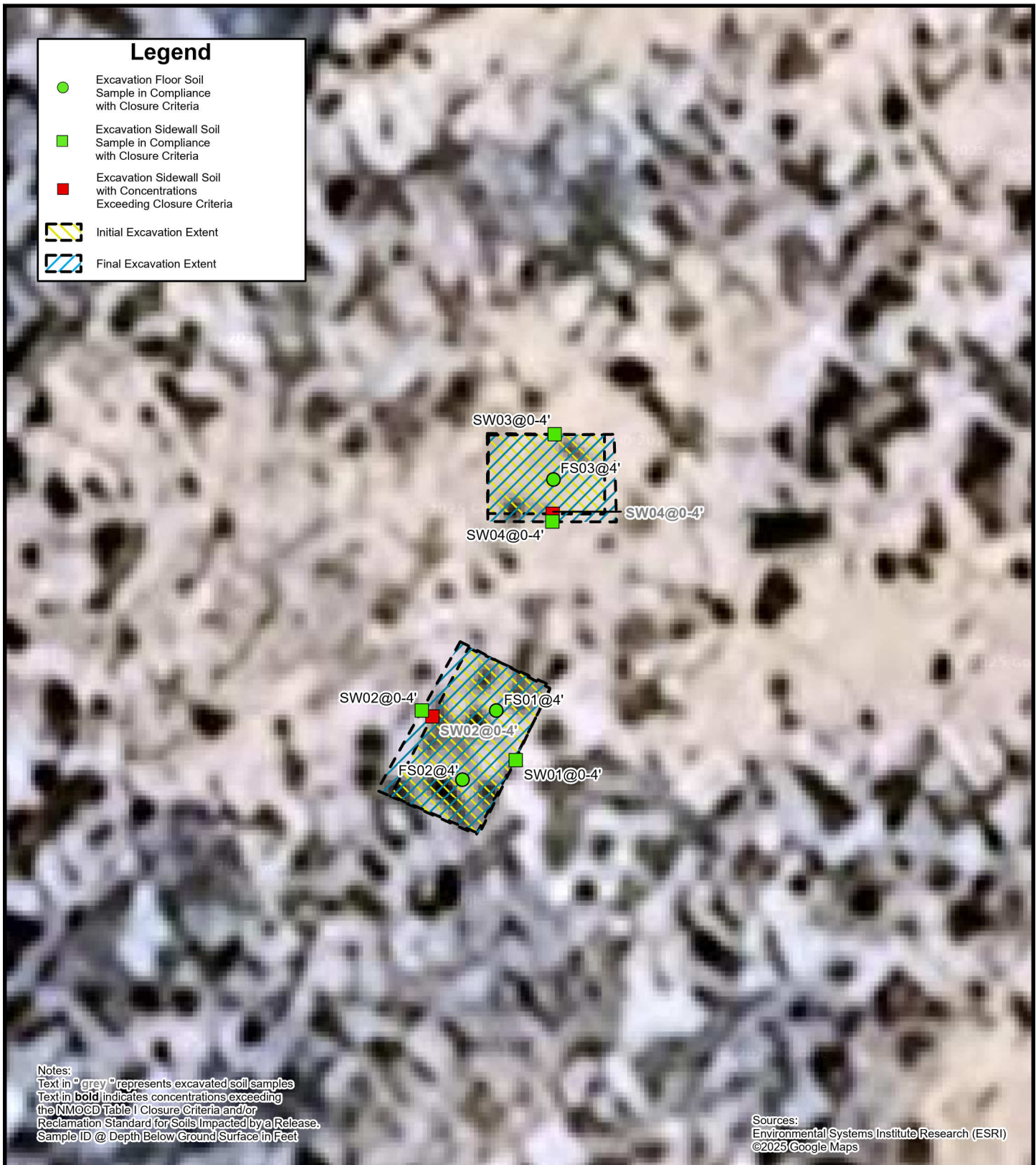
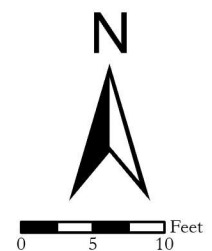


FIGURE 2

Excavation Soil Sample Locations

Devon Energy Production Company, LP
 Tomcat 8 Federal #001
 Unit P Sec 08 T23S R32E
 Lea County, New Mexico



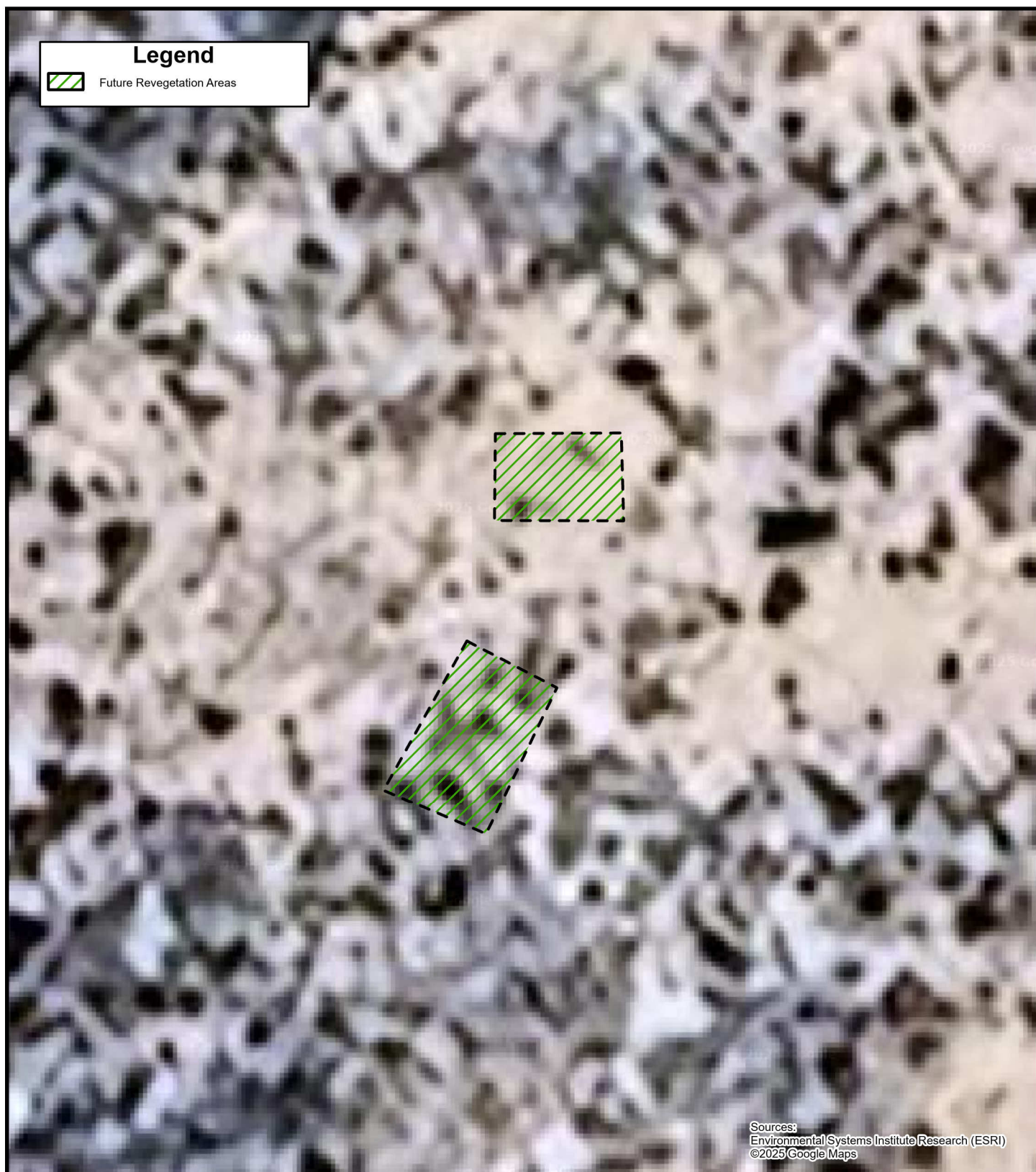
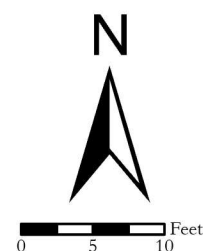


FIGURE 3

Future Revegetation Areas

Devon Energy Production Company, LP
Tomcat 8 Federal #001
Unit P Sec 08 T23S R32E
Lea County, New Mexico



APPENDIX B

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04815 <i>POD 1</i>		WELL TAG ID NO.		OSE FILE NO(S). C-4815-POD1			
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs		STATE NM	
					ZIP 88240			
	WELL LOCATION (FROM GPS)		DEGREES 32	MINUTES 18	SECONDS 51.8	N		
		LONGITUDE -103	41	59.4	W			
* ACCURACY REQUIRED: ONE TENTH OF A SECOND								
* DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 4-16-24		DRILLING ENDED 4-16-24		DEPTH OF COMPLETED WELL (FT) 55'		BORE HOLE DEPTH (FT) 55'	
					DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'		
						DATE STATIC MEASURED 4-16-24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6"	PVC 2" SCH40	Thread	2"	SCH40	N/A
45	55	6"	PVC 2" SCH40	Thread	2"	SCH40	.02	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				None pulled and plugged				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-04815	POD NO. 1	TRN NO. 757440
LOCATION 236.32E.08.143	WELL TAG ID NO.	PAGE 1 OF 2

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.

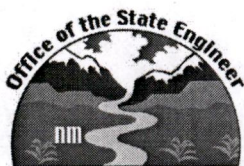
If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".

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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: ~~CP-04815~~ C-04815
 Well owner: Devon Energy Resources Phone No.: _____
 Mailing address: 205 E Bender Road#150
 City: Hobbs State: NM Zip code: 88240

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Vision Resources
- 2) New Mexico Well Driller License No.: 1833 Expiration Date: 10-7-25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Jason Maley
- 4) Date well plugging began: 4-22-24 Date well plugging concluded: 4-22-24
- 5) GPS Well Location: Latitude: 32 deg, 18 min, 51.8 sec
 Longitude: -103 deg, 41 min, 59.4 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),
 by the following manner: Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 03-07-2024
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

USE DIT APR 25 2024 PM2:37

- For each interval plugged, describe within the following columns:**

05E DII APR 25 2024 PM2:37

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

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.

Date _____



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <u>C-4712-POD 2</u>		WELL TAG ID NO.		OSE FILE NO(S). <u>C-4712</u>		
	WELL OWNER NAME(S) <u>Harvard Petroleum Company</u>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <u>P.O. Box 936</u>				CITY <u>Roswell</u>	STATE <u>NM</u>	
					ZIP <u>88202</u>		
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES	SECONDS		
		LATITUDE	<u>32</u>	<u>17</u>	<u>56.4</u>	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE	<u>-103</u>	<u>41</u>	<u>24.2</u>	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. <u>1833</u>		NAME OF LICENSED DRILLER <u>Jason Maley</u>		NAME OF WELL DRILLING COMPANY <u>Vision Resources</u>				
	DRILLING STARTED <u>3-9-2023</u>	DRILLING ENDED <u>3-9-2023</u>	DEPTH OF COMPLETED WELL (FT) <u>55</u>	BORE HOLE DEPTH (FT) <u>55</u>	DEPTH WATER FIRST ENCOUNTERED (FT) <u>Dry</u>				
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <u>Dry</u>				
	DATE STATIC MEASURED <u>Dry</u>								
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:								
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:								
CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>									
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <small>*(if using Centralizers for Artesian wells- indicate the spacing below)</small>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

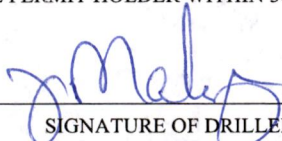
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. <u>C-4712-POD 2</u>	POD NO. <u>2</u>	TRN NO. <u>743189</u>
LOCATION <u>Mow 23.32.17.444</u>	WELL TAG ID NO. <u> </u>	PAGE 1 OF 2

DEPTH (feet bgl)	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)	
					FROM
0	35	35	White Caliche	Y	N
35	55	55	Red Fine Sand Dry	Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:			TOTAL ESTIMATED WELL YIELD (gpm):		
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:			Dry		

WELL TEST	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.
MISCELLANEOUS INFORMATION: hole would not stay open past 35' Plugged no water	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: USE DIT APR 4 2023 PM 1:23	

SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:
 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	3/24/23 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	C-4712-POD 2	POD NO.	2
LOCATION	Neon 23.32.17.444	TRN NO.	743189
		WELL TAG ID NO.	
			PAGE 2 OF 2

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,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04889 POD1			
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL) 575-689-7597			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 30.96 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LONGITUDE 103	39	50.45 W				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit C, Section 15, Township 23S, Range 32E, Lea County, NM								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc		
	DRILLING STARTED 10/21/2024	DRILLING ENDED 10/21/2024	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:							
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 105		5.00	Soil Boring				
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

OSE DII ROSWELL NM
16 DEC '24 4:10:29

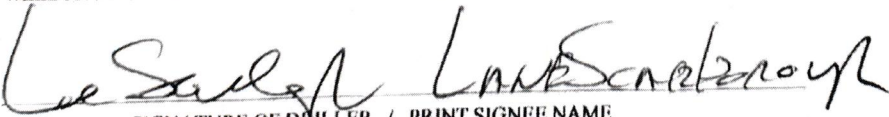
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-04889	POD NO. 1	TRN NO. 768314
LOCATION 23S. 32E. 15. 421	WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		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)
	FROM	TO				
	0	10	10	Sand with Silt, Red to Medium Brown, Coarse to Very Fine	Y ✓ N	
	10	20	10	Sand with Gravel, Light Brown to Tan, Medium to Coarse with Gravel	Y ✓ N	
	20	30	10	Gravel with Sand, White to Tan, Small to Large with Medium to Coarse	Y ✓ N	
	30	40	10	Sand with Gravel, Medium to Light Brown, Coarse to Fine with Gravel	Y ✓ N	
	40	50	10	Sand with Gravel, Light Brown to Tan, Coarse to Fine with Gravel	Y ✓ N	
	50	60	10	Silty Sand, Light Brown to Red, Coarse to Very Fine	Y ✓ N	
	60	70	10	Inter-bedded Sandstone and Sand, Medium Brown, Medium to Coarse	Y ✓ N	
	70	80	10	Clayey Sand, Dark to Medium Brown, Medium to Fine Grained	Y ✓ N	
	80	90	10	Clayey Sand, Dark to Medium Brown, Medium to Fine Grained	Y ✓ N	
	90	100	10	Clayey Sand, Dark Red to Medium Brown, Medium to Fine Grained	Y ✓ N	
	100	105	5	Silty Sand, Light Brown to Tan, Coarse to Fine Grained	Y ✓ N	
	105	105	0	Silty Sand, Tan to Green, Coarse to Fine Grained	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	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.
		<p>MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to 10 ft below ground surface (bgs), then hydrated bentonite chips 10 ft bgs to ground surface.</p> <p style="text-align: right;">OSE DII ROSWELL NM 16 DEC '24 AM 10:29</p>
	<p>PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:</p> <p>Scott Scarborough</p>	

6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
	 SIGNATURE OF DRILLER / PRINT SIGNED NAME	12/13/2024 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. C-04889

POD NO. 1

TRN NO. 768314

235. 32E. 15. 421



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 right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
C 04815 POD1		CUB	LE	NW	SE	SW	08	23S	32E	622391.9	3576025.7	●	922	55		
C 04712 POD2		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5	●	1704	55		
C 04889 POD1		CUB	LE	SE	NE	NW	15	23S	32E	625771.5	3575426.3	●	2532	105		
C 04862 POD1		CUB	LE	NE	NW	NW	04	23S	32E	623697.0	3578798.5	●	2788	105	78	27
C 02349		CUB	ED	SE	NE	SW	03	23S	32E	625677.9	3578003.4	●	3075	525		
C 02216		CUB	LE	NE	NE	SE	21	23S	32E	625035.0	3573261.0 *	●	3265	585	400	185
C 03851 POD1		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0	●	3403	1392	713	679
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5	●	3524			
C 04807 POD1		CUB	LE	NW	NE	NW	11	23S	32E	627099.7	3577375.0	●	4015	105		
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9	●	4251	55		
C 04726 POD1		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3	●	4691			
C 04877 POD1		CUB	LE	SE	NW	NW	30	23S	32E	620404.8	3572240.0	●	4782	105		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4	●	4804	110		
C 03529 POD1		C	LE	NE	SE	SW	29	23S	32E	622651.2	3571212.5	●	4868	550		
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4	●	5324	105		
C 04598 POD1		CUB	LE	NE	SW	NW	29	22S	32E	622069.2	3581570.2	●	5672	56		
C 04780 POD1		CUB	LE	NW	SW	NW	34	23S	32E	625363.6	3570521.7	●	5882	80		
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7	●	5897	105		
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2	●	6029	55		
C 04712 POD1		CUB	LE	NW	SE	NW	31	23S	32E	620917.2	3570289.2	●	6226	55		
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1	●	6351	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1	●	6351	865	639	226
C 04790 POD1		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8	●	6508	55		
C 02258		C	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *	●	6719	662		
C 02756		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *	●	6821	1998		
C 03152		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *	●	6821	938		
C 03555 POD1		C	LE	NE	NE	NW	05	24S	32E	622748.5	3569233.6	●	6825	600	380	220
C 04837 POD1		CUB	LE	SE	NW	SE	19	22S	32E	621328.1	3582655.6	●	6911	80		
C 02348		C	ED	NW	SE	SW	26	23S	31E	617647.5	3571068.0	●	7535	700	430	270
C 02939		C	LE	SW	SW	NW	19	22S	32E	620234.0	3583042.0 *	●	7653	280		
C 03138		CUB	ED	SW	SW	SW	26	22S	31E	617043.0	3580591.0 *	●	7750	750		
C 04746 POD1		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8	●	7779	105		
C 04907 POD1		CUB	LA	SW	SW	SE	17	22S	32E	622396.4	3583785.0	●	7803	55		
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *	●	7838	880		
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4	●	7843			
C 02275		CUB	LE	SW	SW	NE	19	23S	33E	630843.0	3573557.0 *	●	7926	650	400	250
C 03527 POD1		C	LE	NW	NE	SW	03	24S	32E	625769.7	3568487.2	●	7938	500		
C 04740 POD1		CUB	ED	SW	SE	SE	23	22S	31E	618327.8	3582299.2	●	8005	110		

Average Depth to Water: **434 feet**

Water Column/Average Depth to Water

March 12, 2025 01:25 PM MST

Page 1 of 2

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

Photographic Log

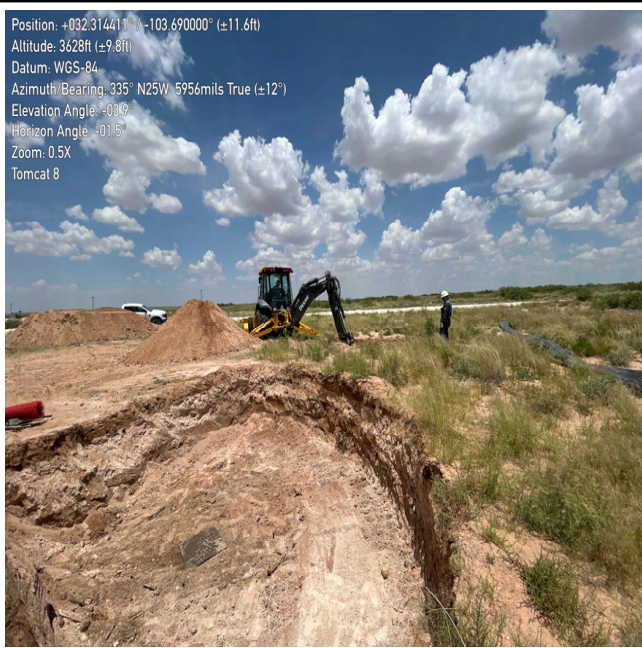
**PHOTOGRAPHIC LOG****Devon Production Company, LP****Tomcat 8 Federal #001****Incident Number: nKL1622549584**

Position: +032.314473° / -103.689998° (±14.7ft)
 Altitude: 3627ft (±13.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 282° N78W 5013mils True (±12°)
 Elevation Angle: -11.8°
 Horizon Angle: -02.7°
 Zoom: 0.5X
 Tomcat 8

**Photograph 1****Date: 07/18/2025**

Description: Northwestern view of excavation activities.

Position: +032.314411° / -103.690000° (±11.6ft)
 Altitude: 3628ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 335° N25W 5956mils True (±12°)
 Elevation Angle: -00.9°
 Horizon Angle: -01.5°
 Zoom: 0.5X
 Tomcat 8

**Photograph 2****Date: 07/18/2025**

Description: Northwestern view of excavation activities.

Position: +032.314448° / -103.690070° (±45.9ft)
 Altitude: 3613ft (±39.4ft)
 Datum: WGS-84
 Azimuth/Bearing: 007° N07E 0124mils True (±16°)
 Elevation Angle: -16.8°
 Horizon Angle: -01.5°
 Zoom: 0.5X
 Tomcat 8

**Photograph 3****Date: 08/14/2025**

Description: Northeastern view of excavation activities.

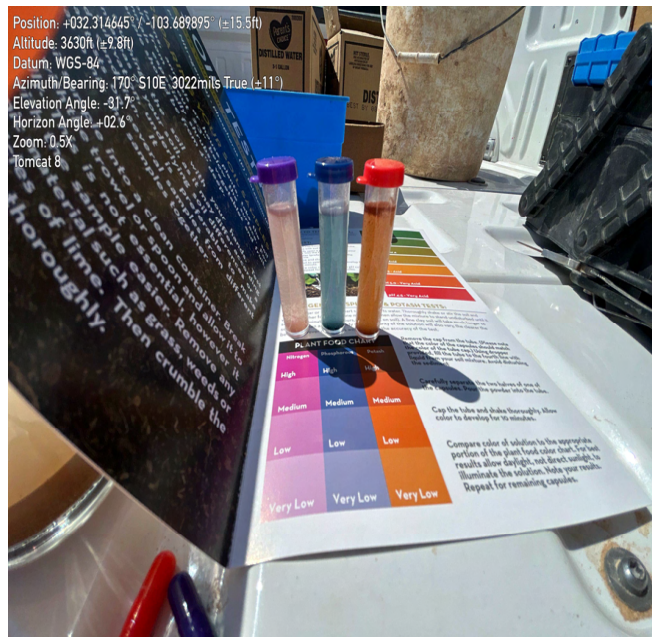
Position: +032.314545° / -103.689986° (±12.8ft)
 Altitude: 3637ft (±11.1ft)
 Datum: WGS-84
 Azimuth/Bearing: 243° S63W 4920mils True (±11°)
 Elevation Angle: -15.3°
 Horizon Angle: +00.7°
 Zoom: 0.5X
 Tomcat 8

**Photograph 4****Date: 08/14/2025**

Description: Southwestern view of excavation activities.



PHOTOGRAPHIC LOG
Devon Production Company, LP
Tomcat 8 Federal #001
Incident Number: nKL1622549584



Photograph 5 **Date: 08/29/2025**
 Description: View of backfill stockpile soil sample nutrient test results.



Photograph 6 **Date: 08/29/2025**
 Description: View of backfill stockpile soil sample nutrient test results.



Photograph 7 **Date: 08/29/2025**
 Description: Northwestern view of completed reclamation activities.



Photograph 8 **Date: 08/29/2025**
 Description: Southwestern view of completed reclamation activities.

APPENDIX D

Tables



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 Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Soil Samples- Incident Number nKL1622549584										
FS01	07/18/2025	4	<0.0250	<0.0500	<20.0	256	491	256	747	1,250
FS02	07/18/2025	4	<0.0250	<0.0500	<20.0	<25.0	52.1	<25.0	52.1	1,120
FS03	07/18/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	599
SW01	07/18/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	486
SW02	07/18/2025	0-4	<0.0250	<0.0500	<20.0	68.0	81.6	68.0	150	347
SW02	08/14/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	52.0	<0.25	52.0	139
SW03	07/18/2025	0-4	<0.0250	<0.0500	<20.0	27.3	<50.0	27.3	27.3	212
SW04	07/18/2025	0-4	<0.0250	<0.0500	<20.0	47.2	54.7	47.2	102	394
SW04	08/14/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	118
Backfill Soil Samples- Incident Number nKL1622549584										
BG01	8/29/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
STKP01	8/29/2025	-	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
STKP02	8/29/2025	-	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	127

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

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 Standard¹ for Soils Impacted by a Release

*** Soil sample was collected in the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13, if exceeding the reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH



Table 2
SOIL SAMPLE FIELD SCREENING RESULTS
Devon Energy Production Co. LP
Tomcat 8 Federal #001
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	Chloride (ppm)
Restoration Soil Samples - Incident Number nAB1805133508							
BG01	08/29/2025	0.5	Very Low	Low	Very Low	7.5	<116
STKP01	08/29/2025	-	Very Low	Low	Very Low	7.5	<116
STKP02	08/29/2025	-	Very Low	Low	Very Low	7.5	<116

Notes:

bgs: below ground surface

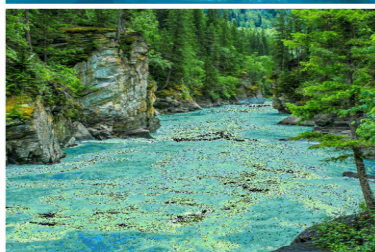
ppm: parts per million

"-" symbol: sample depth is not applicable

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E507255

Job Number: 01058-0007

Received: 7/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 7/30/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E507255
Date Received: 7/22/2025 6:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/22/2025 6:45:00AM, 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/30/25 08:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 4'	E507255-01A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.
FS02 4'	E507255-02A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.
FS03 4'	E507255-03A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/30/2025 8:54:00AM

FS01 4'

E507255-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2530147	
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.7 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2530147	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.5 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2531032	
Diesel Range Organics (C10-C28)	256	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	491	50.0	1	07/28/25	07/29/25	
<i>Surrogate: n-Nonane</i>	100 %	61-141		07/28/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2531023	
Chloride	1250	20.0	1	07/28/25	07/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/30/2025 8:54:00AM

FS02 4'

E507255-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530147
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530147
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.1 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	52.1	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane	104 %	61-141		07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531023
Chloride	1120	20.0	1	07/28/25	07/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/30/2025 8:54:00AM

FS03 4'

E507255-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530147
Benzene	ND	0.0250	1	07/24/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/24/25	07/27/25	
Toluene	ND	0.0250	1	07/24/25	07/27/25	
o-Xylene	ND	0.0250	1	07/24/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/24/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/24/25	07/27/25	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530147
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/25	07/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		07/24/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane	100 %	61-141		07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531023
Chloride	599	20.0	1	07/28/25	07/29/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/30/2025 8:54:00AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530147-BLK1)

Prepared: 07/24/25 Analyzed: 07/27/25

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	7.97		8.00		99.6	70-130			

LCS (2530147-BS1)

Prepared: 07/24/25 Analyzed: 07/27/25

Benzene	5.82	0.0250	5.00		116	70-130			
Ethylbenzene	5.66	0.0250	5.00		113	70-130			
Toluene	5.76	0.0250	5.00		115	70-130			
o-Xylene	5.55	0.0250	5.00		111	70-130			
p,m-Xylene	11.4	0.0500	10.0		114	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			

Matrix Spike (2530147-MS1)

Source: E507254-05

Prepared: 07/24/25 Analyzed: 07/27/25

Benzene	5.87	0.0250	5.00	ND	117	70-130			
Ethylbenzene	5.70	0.0250	5.00	ND	114	70-130			
Toluene	5.81	0.0250	5.00	ND	116	70-130			
o-Xylene	5.58	0.0250	5.00	ND	112	70-130			
p,m-Xylene	11.5	0.0500	10.0	ND	115	70-130			
Total Xylenes	17.0	0.0250	15.0	ND	114	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2530147-MSD1)

Source: E507254-05

Prepared: 07/24/25 Analyzed: 07/27/25

Benzene	5.67	0.0250	5.00	ND	113	70-130	3.53	27	
Ethylbenzene	5.51	0.0250	5.00	ND	110	70-130	3.41	26	
Toluene	5.60	0.0250	5.00	ND	112	70-130	3.67	20	
o-Xylene	5.39	0.0250	5.00	ND	108	70-130	3.51	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	3.43	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	3.46	26	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		95.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/30/2025 8:54:00AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530147-BLK1) Prepared: 07/24/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			

LCS (2530147-BS2) Prepared: 07/24/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matrix Spike (2530147-MS2) Source: E507254-05 Prepared: 07/24/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2530147-MSD2) Source: E507254-05 Prepared: 07/24/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	0.773	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/30/2025 8:54:00AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531032-BLK1)					Prepared: 07/28/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	61-141			

LCS (2531032-BS1)					Prepared: 07/28/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	264	25.0	250		106	66-144			
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			

Matrix Spike (2531032-MS1)					Source: E507254-04		Prepared: 07/28/25 Analyzed: 07/29/25		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	53.0		50.0		106	61-141			

Matrix Spike Dup (2531032-MSD1)					Source: E507254-04		Prepared: 07/28/25 Analyzed: 07/29/25		
Diesel Range Organics (C10-C28)	294	25.0	250	ND	118	56-156	1.90	20	
Surrogate: n-Nonane	53.3		50.0		107	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/30/2025 8:54:00AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2531023-BLK1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Chloride	ND	20.0							
LCS (2531023-BS1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2531023-MS1)					Source: E507253-03		Prepared: 07/28/25 Analyzed: 07/28/25		
Chloride	685	20.0	250	463	88.9	80-120			
Matrix Spike Dup (2531023-MSD1)					Source: E507253-03		Prepared: 07/28/25 Analyzed: 07/28/25		
Chloride	713	20.0	250	463	99.9	80-120	3.95	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	07/30/25 08:54

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State												
Company: Devon Energy Production Company, LP				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX									
Project: TOMCAT 8 FEDERAL #001				Address: 5315 Buena Vista Dr.				E501255		01058-0007					x	X												
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																								
Address: 13000 W County Rd 100				Phone: 575-885-7502																								
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dyn.com																								
Phone: 432-305-6415				Miscellaneous: WO:1061476201 - NM Permian																								
Email: NMTXGeoGroup@etechenv.com				Abandon;PN: 19305;IN: nKL1622549584																								
												Analysis and Method								EPA Program								
												DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA		CWA		RCRA			
																					Compliance		Y		or		N	
																					PWSID #							
																					Sample Temp	Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number																						
12:20	7/18/2025	S	1	FS01	4'	1										X			1.8									
12:25	7/18/2025	S	1	FS02	4'	2										X			1.6									
13:15	7/18/2025	S	1	FS03	4'	3										X			1.0									
Additional Instructions:																												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																												
Sampled by: Haleigh Blume																												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time				Lab Use Only														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time				Received on ice:														
														(Y/N)														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																												

Envirotech Analytical Laboratory

Printed: 7/22/2025 8:18:05AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	07/22/25 06:45	Work Order ID:	E507255
Phone:	(575) 748-0176	Date Logged In:	07/21/25 16:53	Logged In By:	Noe Soto
Email:	anna@etechnv.com	Due Date:	07/29/25 17:00 (5 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

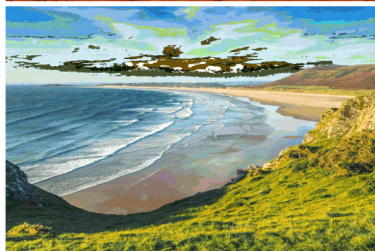
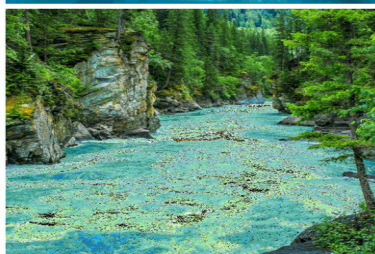
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E507256

Job Number: 01058-0007

Received: 7/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 7/29/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E507256
Date Received: 7/22/2025 6:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/22/2025 6:45:00AM, 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 regarding 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/29/25 12:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0-4'	E507256-01A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.
SW02 0-4'	E507256-02A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.
SW03 0-4'	E507256-03A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.
SW04 0-4'	E507256-04A	Soil	07/18/25	07/22/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/29/2025 12:23:22PM

SW01 0-4'

E507256-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/25/25	07/27/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	07/25/25	07/27/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	07/25/25	07/27/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	07/25/25	07/27/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
<i>Surrogate: n-Nonane</i>		88.2 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531024
Chloride	486	20.0	1	07/28/25	07/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/29/2025 12:23:22PM

SW02 0-4'

E507256-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		106 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		106 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531031
Diesel Range Organics (C10-C28)	68.0	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	81.6	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		89.3 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531024
Chloride	347	20.0	1	07/28/25	07/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/29/2025 12:23:22PM

SW03 0-4'

E507256-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		108 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		108 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531031
Diesel Range Organics (C10-C28)	27.3	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		100 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531024
Chloride	212	20.0	1	07/28/25	07/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/29/2025 12:23:22PM

SW04 0-4'

E507256-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		104 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		111 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		104 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531031
Diesel Range Organics (C10-C28)	47.2	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	54.7	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		99.3 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531024
Chloride	394	20.0	1	07/28/25	07/28/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/29/2025 12:23:22PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2530154-BLK1)

Prepared: 07/25/25 Analyzed: 07/27/25

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: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2530154-BS1)

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.50	0.0250	2.50		100	70-130			
Ethylbenzene	2.57	0.0250	2.50		103	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.05	0.0500	5.00		101	70-130			
Total Xylenes	7.58	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2530154-MS1)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135			
Toluene	2.58	0.0250	2.50	ND	103	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2530154-MSD1)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	7.14	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	6.69	27	
Toluene	2.42	0.0250	2.50	ND	96.7	48-130	6.47	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	1.01	27	
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135	1.01	27	
Total Xylenes	7.70	0.0250	7.50	ND	103	43-135	1.01	27	
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/29/2025 12:23:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530154-BLK1)

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2530154-BS2)

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			

Matrix Spike (2530154-MS2)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Matrix Spike Dup (2530154-MSD2)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	0.498	20	
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/29/2025 12:23:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531031-BLK1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			

LCS (2531031-BS1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	47.0		50.0		94.1	61-141			

Matrix Spike (2531031-MS1)				Source: E507253-03		Prepared: 07/28/25 Analyzed: 07/28/25			
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	48.0		50.0		96.0	61-141			

Matrix Spike Dup (2531031-MSD1)				Source: E507253-03		Prepared: 07/28/25 Analyzed: 07/28/25			
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	3.95	20	
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/29/2025 12:23:22PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2531024-BLK1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Chloride	ND	20.0							
LCS (2531024-BS1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2531024-MS1)					Source: E507254-04		Prepared: 07/28/25 Analyzed: 07/28/25		
Chloride	482	20.0	250	212	108	80-120			
Matrix Spike Dup (2531024-MSD1)					Source: E507254-04		Prepared: 07/28/25 Analyzed: 07/28/25		
Chloride	494	20.0	250	212	113	80-120	2.38	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	07/29/25 12:23

- 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.

Client Information				Invoice Information				Lab Use Only				TAT			State								
Client: Devon Energy Production Company, LP				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project: TOMCAT 8 FEDERAL #001				Address: 5315 Buena Vista Dr.				E5072510		01058-007					x	X							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																			
Address: 13000 W County Rd 100				Phone: 575-885-7502																			
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com																			
Phone: 432-305-6415				Miscellaneous: WO:1061476201 - NM Permian																			
Email: NMTXGeoGroup@etechenv.com				Abandon;PN: 19305;IN: nKL1622549584																			
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
12:30	7/18/2025	S	1	SW01	0-4'	1									X								
12:35	7/18/2025	S	1	SW02	0-4'	2									X								
13:20	7/18/2025	S	1	SW03	0-4'	3									X								
13:25	7/18/2025	S	1	SW04	0-4'	4									X								
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Haleigh Blume																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 7/22/2025 8:18:38AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	07/22/25 06:45	Work Order ID:	E507256
Phone:	(575) 748-0176	Date Logged In:	07/21/25 16:58	Logged In By:	Noe Soto
Email:	anna@etechnv.com	Due Date:	07/29/25 17:00 (5 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

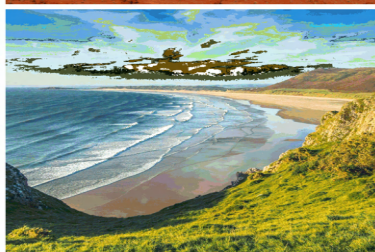
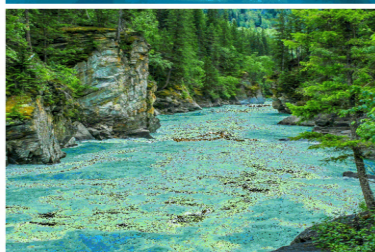
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E508169

Job Number: 01058-0007

Received: 8/15/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/20/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 8/20/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E508169
Date Received: 8/15/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2025 7:30:00AM, 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 regarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	08/20/25 16:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW02 0-4'	E508169-01A	Soil	08/14/25	08/15/25	Glass Jar, 2 oz.



Case Narrative:

Project Name: TOMCAT 8 FEDERAL #001

Workorder:E508169

Date Received: 08/15/25 07:30

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
SW02 0-4'	E508169-01A	DRO/ORO by 8015

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

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

Respectfully,

Walter Hinchman



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
8/20/2025 4:00:20PM

SW02 0-4'

E508169-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533121	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534042	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/25	08/19/25	
Oil Range Organics (C28-C36)	52.0	50.0	1	08/19/25	08/19/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	08/19/25	08/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	139	20.0	1	08/15/25	08/15/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/20/2025 4:00:20PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533121-BLK1)

Prepared: 08/15/25 Analyzed: 08/15/25

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	8.11		8.00		101	70-130			

LCS (2533121-BS1)

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.54	0.0250	5.00		111	70-130			
Ethylbenzene	5.33	0.0250	5.00		107	70-130			
Toluene	5.47	0.0250	5.00		109	70-130			
o-Xylene	5.23	0.0250	5.00		105	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike (2533121-MS1)

Source: E508172-01

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.96	0.0250	5.00	ND	99.1	70-130			
Toluene	5.10	0.0250	5.00	ND	102	70-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	70-130			
p,m-Xylene	9.97	0.0500	10.0	ND	99.7	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

Matrix Spike Dup (2533121-MSD1)

Source: E508172-01

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.14	0.0250	5.00	ND	103	70-130	0.643	27	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	70-130	0.833	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	0.871	20	
o-Xylene	4.88	0.0250	5.00	ND	97.7	70-130	0.365	25	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	70-130	0.720	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130	0.603	26	
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/20/2025 4:00:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533121-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

LCS (2533121-BS2)					Prepared: 08/15/25 Analyzed: 08/18/25				
Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			

Matrix Spike (2533121-MS2)					Source: E508172-01		Prepared: 08/15/25 Analyzed: 08/15/25		
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.6	70-130			

Matrix Spike Dup (2533121-MSD2)					Source: E508172-01		Prepared: 08/15/25 Analyzed: 08/15/25		
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	1.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/20/2025 4:00:20PM

Nonhalogenated Organics by EPA 8015D - 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
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Blank (2534042-BLK1)					Prepared: 08/19/25 Analyzed: 08/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			

LCS (2534042-BS1)					Prepared: 08/19/25 Analyzed: 08/19/25				
Diesel Range Organics (C10-C28)	245	25.0	250		98.1	66-144			
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

Matrix Spike (2534042-MS1)					Source: E508213-01		Prepared: 08/19/25 Analyzed: 08/19/25		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

Matrix Spike Dup (2534042-MSD1)					Source: E508213-01		Prepared: 08/19/25 Analyzed: 08/19/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	0.892	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/20/2025 4:00:20PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2533123-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	ND	20.0							
LCS (2533123-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2533123-MS1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2533123-MSD1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	258	20.0	250	ND	103	80-120	1.29	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	08/20/25 16:00

- 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 8/15/2025 9:24:58AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	08/15/25 07:30	Work Order ID:	E508169
Phone:	(575) 748-0176	Date Logged In:	08/14/25 16:27	Logged In By:	Noe Soto
Email:	anna@etechnv.com	Due Date:	08/16/25 07:00 (0 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

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

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Page 1 of 1

Page 14 of 14

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E508168

Job Number: 01058-0007

Received: 8/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 8/18/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E508168
Date Received: 8/15/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2025 7:30:00AM, 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 regarding 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	08/18/25 14:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW04 0-4'	E508168-01A	Soil	08/14/25	08/15/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
8/18/2025 2:06:16PM

SW04 0-4'

E508168-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2533121	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2533121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2533119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	118	20.0	1	08/15/25	08/15/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/18/2025 2:06:16PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533121-BLK1)

Prepared: 08/15/25 Analyzed: 08/15/25

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	8.11		8.00		101	70-130			

LCS (2533121-BS1)

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.54	0.0250	5.00		111	70-130			
Ethylbenzene	5.33	0.0250	5.00		107	70-130			
Toluene	5.47	0.0250	5.00		109	70-130			
o-Xylene	5.23	0.0250	5.00		105	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike (2533121-MS1)

Source: E508172-01

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.96	0.0250	5.00	ND	99.1	70-130			
Toluene	5.10	0.0250	5.00	ND	102	70-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	70-130			
p,m-Xylene	9.97	0.0500	10.0	ND	99.7	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

Matrix Spike Dup (2533121-MSD1)

Source: E508172-01

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	5.14	0.0250	5.00	ND	103	70-130	0.643	27	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	70-130	0.833	26	
Toluene	5.06	0.0250	5.00	ND	101	70-130	0.871	20	
o-Xylene	4.88	0.0250	5.00	ND	97.7	70-130	0.365	25	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	70-130	0.720	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130	0.603	26	
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/18/2025 2:06:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533121-BLK1) Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

LCS (2533121-BS2) Prepared: 08/15/25 Analyzed: 08/18/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			

Matrix Spike (2533121-MS2) Source: E508172-01 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.6	70-130			

Matrix Spike Dup (2533121-MSD2) Source: E508172-01 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130	1.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/18/2025 2:06:16PM

Nonhalogenated Organics by EPA 8015D - 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 (2533119-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	61-141			

LCS (2533119-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	66-144			
Surrogate: n-Nonane	47.1		50.0		94.1	61-141			

Matrix Spike (2533119-MS1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

Matrix Spike Dup (2533119-MSD1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156	1.71	20	
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	8/18/2025 2:06:16PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2533123-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	ND	20.0							
LCS (2533123-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2533123-MS1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2533123-MSD1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	258	20.0	250	ND	103	80-120	1.29	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	08/18/25 14:06

- 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 8/15/2025 9:22:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	08/15/25 07:30	Work Order ID:	E508168
Phone:	(575) 748-0176	Date Logged In:	08/14/25 16:22	Logged In By:	Noe Soto
Email:	anna@etechnv.com	Due Date:	08/16/25 07:00 (0 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

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

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E508336

Job Number: 01058-0007

Received: 9/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/3/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/3/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E508336
Date Received: 9/2/2025 8:00:53AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/2/2025 8:00:53AM, 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 regarding 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	09/03/25 13:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01 0.5'	E508336-01A	Soil	08/29/25	09/02/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: TOMCAT 8 FEDERAL #001 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 9/3/2025 1:08:16PM
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BG01 0.5'

E508336-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2536003	
Benzene	ND	0.0250	1	09/02/25	09/02/25	
Ethylbenzene	ND	0.0250	1	09/02/25	09/02/25	
Toluene	ND	0.0250	1	09/02/25	09/02/25	
o-Xylene	ND	0.0250	1	09/02/25	09/02/25	
p,m-Xylene	ND	0.0500	1	09/02/25	09/02/25	
Total Xylenes	ND	0.0250	1	09/02/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2536003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2536001	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/02/25	09/02/25	
Surrogate: n-Nonane	94.0 %	61-141		09/02/25	09/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2536009	
Chloride	150	20.0	1	09/02/25	09/02/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:08:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536003-BLK1)

Prepared: 09/02/25 Analyzed: 09/02/25

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	8.03		8.00		100	70-130			

LCS (2536003-BS1)

Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.12	0.0250	5.00		82.4	70-130			
Ethylbenzene	4.10	0.0250	5.00		82.0	70-130			
Toluene	4.13	0.0250	5.00		82.7	70-130			
o-Xylene	4.22	0.0250	5.00		84.5	70-130			
p,m-Xylene	8.38	0.0500	10.0		83.8	70-130			
Total Xylenes	12.6	0.0250	15.0		84.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike (2536003-MS1)

Source: E508335-22

Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.64	0.0250	5.00	ND	92.8	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.9	70-130			
Toluene	4.62	0.0250	5.00	ND	92.3	70-130			
o-Xylene	4.67	0.0250	5.00	ND	93.4	70-130			
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			

Matrix Spike Dup (2536003-MSD1)

Source: E508335-22

Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	2.46	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	70-130	3.27	26	
Toluene	4.74	0.0250	5.00	ND	94.9	70-130	2.72	20	
o-Xylene	4.73	0.0250	5.00	ND	94.6	70-130	1.32	25	
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130	2.95	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.1	70-130	2.41	26	
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:08:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536003-BLK1) Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		101	70-130			

LCS (2536003-BS2) Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			

Matrix Spike (2536003-MS2) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.27		8.00		103	70-130			

Matrix Spike Dup (2536003-MSD2) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	15.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.31		8.00		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:08:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536001-BLK1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			

LCS (2536001-BS1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

Matrix Spike (2536001-MS1)					Source: E508336-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	48.7		50.0		97.3	61-141			

Matrix Spike Dup (2536001-MSD1)					Source: E508336-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Diesel Range Organics (C10-C28)	313	25.0	250	ND	125	56-156	16.0	20	
Surrogate: n-Nonane	58.4		50.0		117	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:08:16PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2536009-BLK1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Chloride	ND	20.0							
LCS (2536009-BS1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2536009-MS1)					Source: E508337-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Chloride	371	20.0	250	125	98.3	80-120			
Matrix Spike Dup (2536009-MSD1)					Source: E508337-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Chloride	377	20.0	250	125	101	80-120	1.62	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	09/03/25 13:08

- 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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State												
Client: Devon Energy Production Company, LP				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX									
Project: TOMCAT 8 FEDERAL #001				Address: 5315 Buena Vista Dr.				E508336		01058-0007						X												
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																								
Address: 13000 W County Rd 100				Phone: 575-885-7502																								
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com																								
Phone: 432-305-6415				Miscellaneous: WO:1061476201 - NM Permian																								
Email: NMTXGeoGroup@etechnv.com				Abandon; PN: 19305; IN: nKL1622549584																								
																Analysis and Method				EPA Program								
																DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																									Compliance	Y	or	N
																									PWSID #			
Sample Information																Sample Temp	Remarks											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number																						
9:50	8/29/2025	S	1	BG01	0.5'	1																						
Additional Instructions:																												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																												
Sampled by: Haleigh Blume																												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temperature above 0 but less than 6°C on subsequent days.																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only																
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: Y N																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																												
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																												
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																												

Envirotech Analytical Laboratory

Printed: 9/2/2025 9:33:59AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	09/02/25 08:00	Work Order ID:	E508336
Phone:	(575) 748-0176	Date Logged In:	08/29/25 14:51	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/03/25 07:00 (0 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

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

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 8 FEDERAL #001

Work Order: E508337

Job Number: 01058-0007

Received: 9/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/3/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 9/3/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: TOMCAT 8 FEDERAL #001
Workorder: E508337
Date Received: 9/2/2025 8:00:53AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/2/2025 8:00:53AM, 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 regarding 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
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	09/03/25 13:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
STKP01	E508337-01A	Soil	08/29/25	09/02/25	Glass Jar, 2 oz.
STKP02	E508337-02A	Soil	08/29/25	09/02/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported: 9/3/2025 1:09:17PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

STKP01

E508337-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2536003	
Benzene	ND	0.0250	1	09/02/25	09/02/25	
Ethylbenzene	ND	0.0250	1	09/02/25	09/02/25	
Toluene	ND	0.0250	1	09/02/25	09/02/25	
o-Xylene	ND	0.0250	1	09/02/25	09/02/25	
p,m-Xylene	ND	0.0500	1	09/02/25	09/02/25	
Total Xylenes	ND	0.0250	1	09/02/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2536003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	102 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2536001	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/02/25	09/02/25	
Surrogate: n-Nonane	96.6 %	61-141		09/02/25	09/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2536009	
Chloride	125	20.0	1	09/02/25	09/02/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: TOMCAT 8 FEDERAL #001
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/3/2025 1:09:17PM

STKP02

E508337-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2536003
Benzene	ND	0.0250	1	09/02/25	09/02/25	
Ethylbenzene	ND	0.0250	1	09/02/25	09/02/25	
Toluene	ND	0.0250	1	09/02/25	09/02/25	
o-Xylene	ND	0.0250	1	09/02/25	09/02/25	
p,m-Xylene	ND	0.0500	1	09/02/25	09/02/25	
Total Xylenes	ND	0.0250	1	09/02/25	09/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2536003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/02/25	09/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		09/02/25	09/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2536001
Diesel Range Organics (C10-C28)	ND	25.0	1	09/02/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/02/25	09/02/25	
<i>Surrogate: n-Nonane</i>						
	92.7 %	61-141		09/02/25	09/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2536009
Chloride	127	20.0	1	09/02/25	09/02/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:09:17PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536003-BLK1) Prepared: 09/02/25 Analyzed: 09/02/25

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	8.03		8.00		100	70-130			

LCS (2536003-BS1) Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.12	0.0250	5.00		82.4	70-130			
Ethylbenzene	4.10	0.0250	5.00		82.0	70-130			
Toluene	4.13	0.0250	5.00		82.7	70-130			
o-Xylene	4.22	0.0250	5.00		84.5	70-130			
p,m-Xylene	8.38	0.0500	10.0		83.8	70-130			
Total Xylenes	12.6	0.0250	15.0		84.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike (2536003-MS1) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.64	0.0250	5.00	ND	92.8	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.9	70-130			
Toluene	4.62	0.0250	5.00	ND	92.3	70-130			
o-Xylene	4.67	0.0250	5.00	ND	93.4	70-130			
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			

Matrix Spike Dup (2536003-MSD1) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	2.46	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	70-130	3.27	26	
Toluene	4.74	0.0250	5.00	ND	94.9	70-130	2.72	20	
o-Xylene	4.73	0.0250	5.00	ND	94.6	70-130	1.32	25	
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130	2.95	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.1	70-130	2.41	26	
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:09:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536003-BLK1) Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		101	70-130			

LCS (2536003-BS2) Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			

Matrix Spike (2536003-MS2) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.27		8.00		103	70-130			

Matrix Spike Dup (2536003-MSD2) Source: E508335-22 Prepared: 09/02/25 Analyzed: 09/02/25

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	15.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.31		8.00		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:09:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536001-BLK1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			

LCS (2536001-BS1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

Matrix Spike (2536001-MS1)				Source: E508336-01		Prepared: 09/02/25 Analyzed: 09/02/25			
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	48.7		50.0		97.3	61-141			

Matrix Spike Dup (2536001-MSD1)				Source: E508336-01		Prepared: 09/02/25 Analyzed: 09/02/25			
Diesel Range Organics (C10-C28)	313	25.0	250	ND	125	56-156	16.0	20	
Surrogate: n-Nonane	58.4		50.0		117	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 8 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	9/3/2025 1:09:17PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2536009-BLK1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Chloride	ND	20.0							
LCS (2536009-BS1)					Prepared: 09/02/25 Analyzed: 09/02/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2536009-MS1)					Source: E508337-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Chloride	371	20.0	250	125	98.3	80-120			
Matrix Spike Dup (2536009-MSD1)					Source: E508337-01		Prepared: 09/02/25 Analyzed: 09/02/25		
Chloride	377	20.0	250	125	101	80-120	1.62	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	09/03/25 13:09

- 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.

Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Devon Energy Production Company, LP				Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: TOMCAT 8 FEDERAL #001				Address: 5315 Buena Vista Dr.		E508337	61058-0001	X				X							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: WO:1061476201 - NM Permian															
Email: NMTXGeoGroup@etechenv.com				Abandon; PN: 19305; IN: nKL1622549584															
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	SGDOC - NM	SGDOC - TX	SDWA	CWA	RCRA	
9:30	8/29/2025	S	1	STKP01		1									X				
9:40	8/29/2025	S	1	STKP02		2									X				
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Haleigh Blume																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y/N</u>							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/2/2025 9:35:39AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	09/02/25 08:00	Work Order ID:	E508337
Phone:	(575) 748-0176	Date Logged In:	08/29/25 14:55	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/03/25 07:00 (0 day TAT)		

Chain 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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.

Carrier: CouierComments/ResolutionSample Turn Around Time (TAT)

6. Did the 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 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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

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

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

APPENDIX F

BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

Seed Mixture for LPC Sand/Shinnery Sites

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. Seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

APPENDIX G

Holdall® Soil Test Kit Manual

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



HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT



Plants & Flowers



Grasses & Lawns



Fruits & Veggies



Trees & Shrubs

757860

HoldAll®
Decorative Plant Accessories

757860

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

PREPARING YOUR SOIL SAMPLES

For lawns, annuals or house plants, take the soil sample from about 2-3" below the surface. For perennials especially shrubs, vegetables and fruit, the sample should be from 4" deep.

Avoid touching the soil with your hands. Test different areas of your soil, as it may differ according to past cultivation, underlying soil differences or a localized condition. It is preferable to make individual tests on several samples from different areas, than to mix the samples together.

Place your soil sample into a clean container. Break the sample up with the trowel or spoon and allow it to dry out naturally. This is not essential, however it makes working with the sample easier. Remove any small stones, organic material such as grass, weeds or roots and hard particles of lime. Then crumble the sample finely and mix it thoroughly.

HOW TO TEST YOUR SOIL:

Tube caps and capsules are color-coded for simplicity:

Green = pH **Purple** = Nitrogen
Blue = Phosphorus **Orange** = Potash

pH TEST:

1. Remove cap from the green capped tube.
 2. Fill tube with soil to the first line.
 3. Carefully open a green capsule and pour powder into the tube.
 4. Add water (preferably distilled) to the fourth line.
 5. Cap tube and shake thoroughly.
 6. Allow soil to settle and color to develop for about a minute.
 7. Compare color of solution to the pH color chart.
- Repeat for remaining capsules.



pH 7.5 - Alkaline

pH 7.0 - Neutral

pH 6.5 - Slight A

pH 6.0 - Acid

pH 5.5 - Acid

pH 5.0 - Very Acid

pH 4.5 - Very Acid

NITROGEN, PHOSPHORUS & POTASH TESTS:

Fill a clean jar or can with 1 part soil and 5 parts water. Thoroughly shake or stir the soil and water together for at least one minute and then allow the mixture to stand undisturbed until it settles (30 minutes to 24 hours, dependent on soil). A fine clay soil will take much longer to settle out than a coarse sandy soil. The clarity of the solution will also vary, the clearer the better, however cloudiness will not affect the accuracy of the test.

PLANT FOOD CHART		
Nitrogen	Phosphorous	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

1. Remove the cap from the tube. (Please note that the color of the capsules should match the color of the tube cap.) Using dropper provided, fill the tube to the fourth line with liquid from your soil mixture. Avoid disturbing the sediment

2. Carefully separate the two halves of one of the capsules. Pour the powder into the tube.

3. Cap the tube and shake thoroughly. Allow color to develop for 10 minutes.

4. Compare color of solution to the appropriate portion of the plant food color chart. For best results allow daylight, not direct sunlight, to illuminate the solution. Note your results. Repeat for remaining capsules.

TO RAISE OR LOWER pH OF YOUR SOIL

Raising and lowering pH is not an exact science & most plants have a reasonably wide tolerance, certainly to within 1 pH point. Consult the pH Preference List and you will see that the majority can manage well on a pH around 6.5 but some need an alkaline soil

and some a particularly acid soil. Altering pH takes time so do not expect rapid changes; rather, work steadily towards giving a plant its ideal conditions.

ADJUSTING pH

pH can be adjusted to provide more suitable growing conditions for the different plants you wish to grow. Or, you can leave the pH of the soil as it is and select plants that like the level revealed by your test. Once you have your pH reading, check the pH Preference List for the pH levels of over 450 popular plants, trees, shrubs, vegetables and fruits. If your pH reading differs significantly from the list's recommended levels, follow instructions below for adjusting soil pH. You can correct pH at any time of the year but it

is best to start in the Fall and check progress in the Spring. After working to adjust your soil, retest for pH level in 40-60 days. If results are still significantly off, retreat your soil, not exceeding recommended application levels. Allow one month to pass between adding lime and adding fertilizers.

SOIL TYPES

Sandy Soils: A light, coarse soil comprised of crumbling and alluvial debris.
Loam Soils: A medium friable soil, consisting of a blend of coarse (sand) alluvium and fine (clay) particles mixed within fairly broad limits with a little lime and humus.
Clay Soils: A heavy, clinging, impermeable

soil, comprised of very fine particles with little lime and humus and tending to be waterlogged in winter and very dry in summer.

ADJUSTING SOIL pH - HOW MUCH TO APPLY

Material	pHChange	Sandy	Loamy	Clay
Dolomitic or Calcic Limestone	+0.5 unit (0.5 pH)	2.5	2.5	2.5
	+1.0 unit (1.0 pH)	5.0	5.0	5.0
Hydrated Lime	+0.5 unit (0.5 pH)	1.25 - 2.0	1.25 - 2.0	1.25 - 2.0
	+1.0 unit (1.0 pH)	3.5 - 4.0	3.5 - 4.0	3.5 - 4.0
Iron Sulfate	-0.5 unit (0.5 pH)	0.75	0.75	0.75
	-1.0 unit (1.0 pH)	1.5	1.5	1.5
Aluminum Sulfate	-0.5 unit (0.5 pH)	0.5 - 0.75	0.5 - 0.75	0.5 - 0.75
	-1.0 unit (1.0 pH)	1 - 1.25	1 - 1.25	1 - 1.25

Amounts listed are pounds per 100 square feet. Do not add more than 5lbs. of lime or sulfur in one application.

FERTILIZER RECOMMENDATIONS

FEEDING PRIOR TO PLANTING

Adequate reserves of plant food should be available in the soil before planting vegetables, preparing a seed or flower bed, sodding or seeding a lawn, or planting shrubs and trees. To make up any deficiencies, apply fertilizers from the following chart according to your soil test result.

TEST RESULTS	Very Low	Low	Medium	High
Nitrogen Fertilizers (%N)				
Dried Blood (11%)	36	19	6	N/A
Nitrate of Soda (16%)	27	14	3	N/A
Phosphate Fertilizers (%P)				
Bone Meal (19%)	27	14	6	N/A
Triple Superphosphate (46%)	10.25	5.25-5.5	2.25	N/A
Potash Fertilizers (%K)				
Muriate of Potash (60%)	8.75-9	4.75-5	2.25-2.5	N/A

Amounts listed are ounces per 100 square feet. (Ounces referred to are by weight)

FEEDING ESTABLISHED PLANTS AND BEDS

Based on your test results, apply the appropriate fertilizer(s) in the amounts recommended in the following chart.

RECOMMENDATIONS FOR N, P AND K RESULTS

	Very Low			Low			Medium		
	N	P	K	N	P	K	N	P	K
Lawn	22.0-22.5	0.75-1.0	4.75-5.0	14.0-14.5	1.0-1.5	2.25-2.5	3.75-4.0	0	0
Fruit	14.0-14.5	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Flower	14.0-14.25	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Shrubs (flowering)	14.0-14.25	8.25-8.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	1.0-1.25	4.75-5.0
Shrubs (foliage)	22.0-22.5	10.5-10.75	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
Veggies (root)	14.0-14.25	12.0-12.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	3.0	2.25-2.5
Veggies (leafy)	28.25-29.0	10.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	7.75-8.0	2.25	2.25-2.5
Tree	14.0-14.5	10.25	8.75-9.0	7.75-8.0	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
General Feed	22.0-22.5	8.25-8.5	8.75-9.0	10.5-11.0	4.0-4.25	4.75-5.0	3.75-4.0	1.0-1.25	2.25-2.5

	High		
	N	P	K
Lawn	N/A	N/A	N/A
Fruit	N/A	N/A	N/A
Flower	N/A	N/A	N/A
Shrubs (flowering)	N/A	N/A	N/A
Shrubs (foliage)	N/A	N/A	N/A
Veggies (root)	N/A	N/A	N/A
Veggies (leafy)	N/A	N/A	N/A
Tree	N/A	N/A	N/A
General Feed	N/A	N/A	N/A

The recommendations are based on the following fertilizers sources: Nitrate of Soda (16% N), Triple Superphosphate (46% P₂O₅) and Muriate of Potassium (60% K₂O). The amounts listed are in oz. /100 sq. ft. (Ounces referred to are by weight, not volume.) If you wish to use other fertilizer, simply check the package for the percentage of nutrients for N, P, & K and adjust the application level accordingly.

SPECIAL RECOMMENDATIONS FOR LAWNS

For a new lawn, pay special attention to soil preparation before planting. Proper soil preparation for any size lawn will have a significant impact on the amount of water and care it demands in the future. Till the soil to a depth of at least 12" and incorporate plenty of organic material (9" or more). Test your soil for pH and adjust to the levels recommended on pH Preference List for your type of grass. Refer to the Adjusting Soil pH chart for recommended lime or sulfate applications.

For established lawns, Nitrogen is the most essential nutrient to promote lush growth and deep, green color. Phosphorus and Potassium, in lesser quantities, are also important for strong root formation and growth. Compound fertilizers will supply all 3 nutrients, or you can select an individual fertilizer, such as Nitrate of Soda. The following chart gives recommended application levels specifically for lawns, based on your Nitrogen soil test results.

RECOMMENDATIONS FOR LAWNS

Fertilizer Type	Very Low	Low
24-4-4	4.0 lbs.	2.0 lbs.
24-3-4	3.1 lbs.	1.55 lbs.
30-4-4	3.0 lbs.	1.5 lbs.

	Medium	High
24-4-4	1.0 lbs.	N/A
24-3-4	.77 lbs.	N/A
30-4-4	.75 lbs.	N/A

Amounts listed are pounds per 1000 square feet.

SAFETY & HYGIENE

Dispose of test solutions by rinsing down the sink. Empty gelatin capsules should be disposed of immediately with household waste. Wash the test tubes and caps in warm, soapy water immediately after each use. Make sure any sediment or color staining is removed. Rinse well and dry. Each bag of capsules should be stored inside the blister. Fit the caps on each test tube. Place all components back into the package. The blister pack has been specially designed to be reused as a storage container.

Store your kit in clean, dry conditions, indoors. The powders are safe in normal domestic terms but like all chemicals and pharmaceuticals, they should be put away and kept out of reach of children. Try to avoid touching the powders. Always wash your hands thoroughly after making your tests. Do not eat, drink or smoke while using the soil test kit. Keep powders away from food, drink and animal feed. If taken internally, drink copious amounts of water and seek medical advice.

CAUTIONS

Where a lot of fertilizer is needed to correct one plant food, divide the applications over several weeks. Do not add lime and fertilizer together; lime first. Allow at least one month to pass before applying fertilizer. Retest 30 days after applying fertilizer.

HoldAll®

Decorative Plant Accessories

Plant pH Preference List

NAME	pH	NAME	pH	NAME	pH	NAME	pH	NAME	pH
FRUIT		VEGETABLES AND HERBS		HOUSE and GREENHOUSE PLANTS		FLOWERS, TREES AND SHRUBS		FLOWERS, TREES AND SHRUBS	
APPLE	5.0 - 6.5	SAGE	5.5 - 6.5	GENISTA	6.5 - 7.5	ASPERULA	6.0 - 8.0	LAUREL	6.5 - 7.5
APRICOT	6.0 - 7.0	SHALLOT	5.5 - 7.0	GERANIUM	6.0 - 8.0	ASPHODOLINE	6.0 - 8.0	LAVENDER	6.5 - 7.5
AVOCADO	6.0 - 7.5	SORGHUM	5.5 - 7.5	GLOXINIA	5.5 - 6.5	ASTER	5.5 - 7.5	LIATRIS	5.5 - 7.5
BANANA	5.0 - 7.0	SOYBEAN	5.5 - 6.5	GRAPE IVY	5.0 - 6.5	AUBRITA	6.0 - 7.5	LIGUSTRUM	5.0 - 7.5
BLACKBERRY	5.0 - 6.0	SPEARMINT	5.5 - 7.5	GRAPE HYACINTH	6.0 - 7.5	AZALEA	4.5 - 6.0	LILAC	6.0 - 7.5
BLUEBERRY	4.0 - 6.0	SPINACH	6.0 - 7.5	GREVILLEA	5.5 - 6.5	BALLOON FLOWER	6.0 - 6.5	LILY OF THE VALLEY	4.5 - 6.0
CANTALOUPE	6.5 - 7.5	SWEDE	5.0 - 7.0	GYNURA	5.5 - 6.5	BAYBERRY	4.0 - 6.0	LITHOSPERMUM	5.0 - 6.5
CHERRY	6.0 - 7.5	THYME	5.5 - 7.0	HEDERA (IVY)	6.0 - 8.0	BERGENIA	6.0 - 7.5	LOBELIA	6.5 - 7.5
CRANBERRY	5.5 - 6.5	TOMATO	5.5 - 7.5	HELIOTROPIUM	5.0 - 6.0	BLEEDING HEART	6.0 - 7.5	LUPINUS	5.5 - 7.0
CURRENT: Black	6.0 - 8.0	TURNIP	5.5 - 7.0	HENS AND CHICKENS	6.0 - 7.0	BLUEBELL	6.0 - 7.6	MAGNOLIA	5.0 - 6.0
Red	5.5 - 7.0	WATER CRESS	6.0 - 8.0	HERRINGBONE PLANT	6.0 - 6.0	BROOM	5.0 - 6.0	MAHONIA	6.0 - 7.0
White	6.0 - 8.0	HOUSE and GREENHOUSE PLANTS		HIBISCUS PLANT	6.0 - 8.0	BUDDLEIA	6.0 - 7.0	MARGOLD	5.5 - 7.0
DAMSON	6.0 - 7.5	ABUTILON	5.5 - 6.5	HOYA	5.0 - 6.5	BUPHTHALUM	6.0 - 8.0	MOLINIA	4.0 - 5.0
GOOSEBERRY	5.0 - 6.5	ACORUS	5.0 - 6.5	IMPATIENS	5.5 - 6.5	BUTTERFLY BUSH	4.0 - 6.0	MORAEA	5.5 - 6.5
GRAPEVINE	6.0 - 7.0	AECHMEA	5.0 - 5.5	IVY TREE	6.0 - 7.0	CALENDULA	5.5 - 7.0	MORNING GLORY	6.0 - 7.5
GRAPEFRUIT	6.0 - 7.5	AFRICAN VIOLET	6.0 - 7.0	JACARANDA	6.0 - 7.5	CAMASSIA	6.0 - 8.0	MOSS	6.0 - 8.0
HAZELNUT	6.0 - 7.0	AGLAONEMA	5.0 - 6.0	JAPANESE SEDGE	6.0 - 8.0	CANDYTUFT	6.0 - 7.5	MOSS, SPHAGNUM	3.5 - 5.0
HOP	6.0 - 7.5	AMARYLLIS	5.5 - 6.5	JASMINUM	5.5 - 7.0	CANNA	6.0 - 8.0	MYOSOTIS	6.0 - 7.0
HUCKLEBERRY	4.0 - 6.0	ANTHURIUM	5.0 - 6.0	JERUSALEM CHERRY	5.5 - 6.5	CANTERBURY BELLS	7.0 - 7.5	NARCISSUS	6.0 - 8.5
LEMON	6.0 - 7.0	APHELANDRA	5.0 - 6.0	JESSAMONE	5.0 - 6.0	CARDINAL FLOWER	4.0 - 6.0	NASTURTIUM	5.5 - 7.5
LYCHEE	6.0 - 7.0	ARAUCHARIA	5.0 - 6.0	KALANCHOE	6.0 - 7.5	CARNATION	6.0 - 7.5	NICOTIANA	5.5 - 6.5
MANGO	5.0 - 6.0	ASPARAGUS FERN	6.0 - 8.0	KANGAROO THORN	6.0 - 8.0	CATALPA	6.0 - 8.0	PACHYSANDRA	5.0 - 8.0
MELON	5.5 - 6.5	ASPIDISTRA	4.0 - 5.5	KANGAROO VINE	5.0 - 6.5	CELOSIA	6.0 - 7.0	PAEONIA	6.0 - 7.5
MULBERRY	6.0 - 7.5	AZALEA	4.5 - 6.0	LANTANA	5.5 - 7.0	CENTAUREA	5.0 - 6.5	PANSY	5.5 - 7.0
NECTARINE	6.0 - 7.5	BABY'S BREATH	6.0 - 7.5	LAURUS (BAY TREE)	5.0 - 6.0	CERASTIUM	6.0 - 7.0	PASSION FLOWER	6.0 - 8.0
PEACH	6.0 - 7.5	BABY'S TEARS	5.0 - 6.0	LEMON PLANT	6.0 - 7.5	CHRYSANTHEMUM	6.0 - 7.0	PASQUE FLOWER	5.0 - 6.0
PEAR	6.0 - 7.5	BEGONIA	5.5 - 7.0	MIMOSA	5.0 - 7.0	CISSUS	6.0 - 7.5	PAULOWNIA	6.0 - 8.0
PINEAPPLE	5.0 - 6.0	BIRD OF PARADISE	6.0 - 6.5	MIND YOUR OWN BUSINESS	5.0 - 5.5	CISTUS	6.0 - 7.5	PENSTEMON	5.5 - 7.0
PLUM	6.0 - 7.5	BISHOP'S CAP	5.0 - 6.0	MONSTERA	5.0 - 6.0	CLARKIA	6.0 - 6.5	PERIWINKLE	6.0 - 7.5
POMEGRANATE	5.5 - 6.5	BLACK-EYED SUSAN	5.5 - 7.5	MYRTLE	6.0 - 8.0	CLIANTHUS	6.0 - 7.5	PETUNIA	6.0 - 7.5
QUINCE	6.0 - 7.5	BLOOD LEAF	5.5 - 6.5	NEVER NEVER PLANT	5.0 - 6.0	CLEMATIS	5.5 - 7.0	PINKS	6.0 - 7.5
RASPBERRY	5.0 - 7.5	BOTTLEBRUSH	6.0 - 7.5	NICODEMIA (INDOOR OAK)	6.0 - 8.0	COLCHICUM	5.5 - 6.5	POLYGONUM	6.0 - 7.5
RHUBARB	5.5 - 7.0	BOUGAINVILLEA	5.5 - 7.5	NORFOLK ISLAND PINE	5.0 - 6.0	COLUMBINE	6.0 - 7.0	POLYANTHUS	6.0 - 7.5
STRAWBERRY	5.0 - 7.5	BOXWOOD	6.0 - 7.5	OLEANDER	6.0 - 7.5	CONVOLVULUS	6.0 - 8.0	POPPY	6.0 - 7.5
WATERMELON	5.5 - 6.5	BROMELIADS	5.0 - 7.5	OPLISMENUS	5.0 - 6.0	COREOPSIS	5.0 - 6.0	PORTULACA	5.5 - 7.5
VEGETABLES AND HERBS		BUTTERFLY FLOWER	6.0 - 7.5	ORCHID	4.5 - 5.5	CORONILLA	6.5 - 7.5	PRIMROSE	5.5 - 6.5
ARTICHOKE	6.5 - 7.5	CACTI	4.5 - 6.0	OXALIS	6.0 - 8.0	CORYDALIS	6.0 - 8.0	PRIMULA	6.0 - 7.5
ASPARAGUS	6.0 - 8.0	CALCAOLARIA	6.0 - 7.0	PALMS	6.0 - 7.5	COSMOS	5.0 - 8.0	PRIVET	5.0 - 7.5
BASIL	5.5 - 6.5	CALADIUM	5.0 - 6.0	PANDANUS	5.0 - 6.0	COTTONEASTER	6.0 - 8.0	PRUNELLA	6.0 - 7.5
BEAN	6.0 - 7.5	CALLA LILY	6.0 - 7.0	PEACOCK PLANT	5.0 - 6.0	CRAB APPLE	6.0 - 7.5	PRUNUS	6.5 - 7.5
(Runner, Broad, French)		CAMELIA	4.5 - 5.5	PELLIONIA	5.0 - 6.0	CROCUS	6.0 - 8.0	PYRETHRUM	6.0 - 7.5
BEETROOT	6.0 - 7.5	CAMPANULA	5.5 - 6.5	PEPEROMIA	5.0 - 6.0	CYNOGLOSSUM	6.0 - 7.5	RED HOT POKER	6.0 - 7.5
BROCCOLI	6.0 - 7.0	CAPSICUM	5.0 - 6.5	PHILODENDRON	5.0 - 6.0	DAFFODIL	6.0 - 6.5	RHODODENDRON	4.5 - 6.0
BRUSSELS SPROUTS	6.0 - 7.5	CARDINAL FLOWER	5.0 - 6.0	PILEA	6.0 - 8.0	DAHLIA	6.0 - 7.5	ROSES:	
CABBAGE	6.0 - 7.5	CASTOR OIL PLANT	5.5 - 6.5	PLUMBAGO	5.5 - 6.5	DAY LILY	6.0 - 8.0	HYBRID TEA	5.5 - 7.0
CALABRESE	6.5 - 7.5	CANTURY PLANT	5.0 - 6.5	PODACARPUS	5.0 - 6.5	DELPHINIUM	6.0 - 7.5	CLIMBING	6.0 - 7.0
CARROT	5.5 - 7.0	CHINESE EVERGREEN	5.0 - 6.0	POINTSETTIA	6.0 - 7.5	DEUTZIA	6.0 - 7.5	RAMBLING	5.5 - 7.0
CAULIFLOWER	5.5 - 7.5	CHINESE PRIMROSE	6.0 - 7.5	POLYSCIAS	6.0 - 7.5	DIANTHUS	6.0 - 7.5	SALVIA	6.0 - 7.5
CELERY	6.0 - 7.0	CHRISTMAS CACTUS	5.0 - 6.5	POTHOS	5.0 - 6.0	DOGWOOD	5.0 - 7.0	SCABIOSA	5.0 - 7.5
CHICORY	5.0 - 6.5	CINERARIA	5.5 - 7.0	PRAYER PLANT	5.0 - 6.0	EDELWEISS	6.5 - 7.5	SEDUM	6.0 - 7.5
CHINESE CABBAGE	6.0 - 7.5	CLERODENDRUM	5.0 - 6.0	PUNICA	5.5 - 6.5	ELAEAGNUS	5.0 - 7.5	SNAPDRAGON	5.5 - 7.0
CHIVES	6.0 - 7.0	CLIVIA	5.5 - 6.5	SANSERIERIA	4.5 - 7.0	ENKIANTHUS	5.0 - 6.0	SNOWDROP	6.0 - 8.0
CORN - SWEET	5.5 - 7.0	COCKSCOMB	6.0 - 7.0	SAXIFRAGA	6.0 - 8.0	ERICA	4.5 - 6.0	SOAPWORT	6.0 - 7.5
CRESS	6.0 - 7.0	COFFEE PLANT	5.0 - 6.0	SCINDAPSUS	5.0 - 6.0	EUPHORBIA	6.0 - 7.0	SPEEDWELL	5.5 - 6.5
COURGETTES	5.5 - 7.0	COLEUS	6.0 - 7.0	SHRIMP PLANT	6.0 - 7.0	EVERLASTINGS	5.0 - 6.0	SPIRAEA	6.0 - 7.5
CUCUMBER	5.5 - 7.5	COLUMNEA	4.5 - 5.5	SPANISH BAYONET	6.0 - 7.5	FIRETHORN	6.0 - 8.0	SPRUCE	4.0 - 5.0
FENNEL	5.0 - 6.0	CORAL BERRY	5.5 - 7.5	SPIDER PLANT	6.0 - 7.5	FORGET-ME-NOTS	6.0 - 7.0	STOCK	6.0 - 7.5
GARLIC	5.5 - 7.5	CRASSULA	5.0 - 6.0	SUCCULENTS	5.0 - 6.5	FORSYTHIA	6.0 - 8.0	STONECROP	6.5 - 7.5
GINGER	6.0 - 8.0	CREEPING FIG	5.0 - 6.0	SYNOGONIUM	5.0 - 6.0	FOXGLOVE	6.0 - 7.5	SUMACK	5.0 - 6.5
HORSERADISH	6.0 - 7.0	CROTON	5.0 - 6.0	TOLMIEA	5.0 - 6.0	FRITILLARIA	6.0 - 7.5	SUNFLOWER	5.0 - 7.0
KALE	6.0 - 7.5	CROWN OF THORNS	6.0 - 7.5	TRADESCANTIA	5.0 - 6.0	FUCHSIA	5.5 - 7.5	SWEET PEA	6.0 - 7.5
KOHLRABI	6.0 - 7.5	CUPHEA	6.0 - 7.5	UMBRELLA TREE	5.0 - 7.5	GAILLARDIA	6.0 - 7.5	SWEET WILLIAM	6.0 - 7.5
LEEK	6.0 - 8.0	CYCLAMEN	6.0 - 7.0	VENUS FLYTRAP	4.0 - 5.0	GAZANIA	5.5 - 7.0	TAMARIX	6.5 - 8.0
LENTIL	5.5 - 7.0	CYPERUS	5.0 - 7.5	WEeping FIG	5.0 - 6.0	GENTIANA	5.0 - 7.5	TRILLIUM	5.0 - 6.5
LETTUCE	6.0 - 7.0	DIEFFENBACHIA	5.0 - 6.0	YUCCA	6.0 - 7.5	GEUM	6.0 - 7.5	TULIP	6.0 - 7.0
MARJORAM	6.0 - 8.0	DIPLADENIA	6.0 - 7.5	ZEBRINA	5.0 - 6.0	GLADIOILI	6.0 - 7.0	VIBERNUM	5.0 - 7.5
MARROW	6.0 - 7.5	DIZGOTHECA	6.0 - 7.5	FLOWERS, TREES AND SHRUBS		GLOBULARIA	5.5 - 7.0	VIOLA	5.5 - 6.5
MILLET	6.0 - 6.5	DRACAENA	5.0 - 6.0	ABELIA	6.0 - 8.0	GODETIA	6.0 - 7.5	VIRGINIA CREEPER	5.0 - 7.5
MINT	7.0 - 8.0	EASTER LILY	6.0 - 7.0	ACACIA	6.0 - 8.0	GOLDEN ROD	5.0 - 7.0	WALLFLOWER	5.5 - 7.5
MUSHROOM	6.5 - 7.5	ELEPHANT'S EAR	5.0 - 6.0	ACANTHUS	6.0 - 7.0	GYPSOPHILIA	6.0 - 7.5	WATER LILY	5.5 - 6.5
MUSTARD	6.0 - 7.5	EPISCIA	6.0 - 7.0	ACONITUM	5.0 - 6.0	HAWTHORN	6.0 - 7.0	WEIGELIA	6.0 - 7.5
OLIVE	5.5 - 6.5	EUONYMUS	6.0 - 8.0	ADONIS	6.0 - 8.0	HEATHER	4.0 - 6.0	WISTARIA	6.0 - 8.0
ONION	6.0 - 7.0	FERNs:		AGERATUM	6.0 - 7.5	HELIANTHUS	5.0 - 7.0	ZINNIA	5.5 - 7.5
PAPRIKA	7.0 - 8.5	BIRD'S NEST	5.0 - 5.5	AILANTHUS	6.0 - 7.5	HELLEBORUS	6.0 - 7.5	TURF AND ORNAMENTAL GRASSES	
PARSLEY	5.0 - 7.0	BOSTON	5.5 - 6.5	AJUGA	4.0 - 6.0	HOLLY	5.0 - 6.5	BAHAI	6.5 - 7.5
PARSNIP	5.5 - 7.5	BUTTON	6.0 - 8.0	ALTHEA	6.0 - 7.5	HOLLYHOCK	6.0 - 7.5	BENT	5.5 - 6.5
PEA	6.0 - 7.5	CHRISTMAS	6.0 - 7.5	ALYSSUM	6.0 - 7.5	HONEYSUCKLE	6.0 - 7.5	BERMUDA	6.0 - 7.0
PEANUT	5.0 - 6.5	CLOAK	6.0 - 7.5	AMARANTHUS	6.0 - 6.5	HYACINTH	6.5 - 7.5	CANADA BLUE	4.5 - 6.4
PECAN	4.0 - 6.0	FEATHER	5.5 - 6.5	ANCHUSA	6.0 - 7.5	HYDRANGEA (Blue)	4.0 - 5.0	CLOVER	6.0 - 7.0
PEPPER	5.5 - 7.0	HART'S TONGUE	7.0 - 8.0	ANDROSACE	5.0 - 6.0	HYDRANGEA (Pink)	6.0 - 7.0	KENTUCKY BLUE	6.0 - 7.5
PEPPERMINT	6.0 - 7.5	HOLLY	4.5 - 6.0	ANEMONE	6.0 - 7.5	HYDRANGEA (White)	6.5 - 8.0	MEADOW	6.0 - 7.5
PISTACHIO	5.0 - 6.0	MAIDENHAIR	6.0 - 8.0	ANTHYLLIS	5.0 - 6.0	HYPERICUM	5.5 - 7.0	PAMPAS	6.0 - 8.0
POTATO	4.5 - 6.0	RABBITS FOOT	6.0 - 7.5	ARBUSUS	4.0 - 6.0	IRIS	5.0 - 6.5	RED TOP	6.0 - 6.5
POTATO - SWEET	5.5 - 6.0	SPLEENWORT	6.0 - 7.5	ARENARIA	6.0 - 8.0	IVY	6.0 - 7.5	RYE	6.0 - 7.0
PUMPKIN	5.5 - 7.5	FIG	5.0 - 6.0	ARISTEA	6.0 - 7.5	JUNIPER	5.0 - 6.5	ST. AUGUSTINE	6.5 - 7.5
RADISH	6.0 - 7.0	FITTONIA	5.5 - 6.5	ARMERIA	6.0 - 7.5	KALMIA	4.5 - 5.0	TALL FESCUE	6.0 - 7.0
RICE	5.0 - 6.5	FREESIA	6.0 - 7.5	ARNICA	5.0 - 6.5	KERRIA	6.0 - 7.0	VELVET BENT	5.0 - 6.0
ROSEMARY	5.0 - 6.0	GARDENIA	5.0 - 6.0			LABURNUM	6.5 - 7.0	ZOYSIA	6.0 - 7.0

Soil Test Kit Questions and Answers

Question: I tested my soil, the pH test worked, but the rest of the results are clear. What's wrong?

1. An error has been made in the testing process.
2. Nutrient levels are too low for the test to indicate.
3. The capsules have absorbed too much moisture prior to being used. The reaction has already occurred within the capsule itself.

Question: My pH test result came out dark blue, there is no blue on the pH color chart.

1. The water being used to perform the test is alkaline. Recommend distilled water for the testing process.
2. The soil pH is higher than 7.5. The color results change from greens to blues to purples as the pH rises.

Question: I got results on all but the Nitrogen portion of the kit.

1. Nitrogen leaches out of the soil very quickly, especially in sandy soil.
2. The form of Nitrogen the kit tests for is Nitrate, the form used by plants. Nitrate is formed through the natural Nitrogen cycle within the soil. It is possible to have Nitrogen present in the soil in a non-testable form.

Question: I tested fertilizer with the kit and still got no reaction!

The kit detects only the form of the nutrient used by the plant. These nutrients must break down to the form tested for, through the natural bacterial action and decay processes in the soil. In most cases fertilizers will not test correctly.

Question: I fertilized my soil as recommended in your instructions and then re-tested. My readings didn't change.

Because the nutrients need to break down, we recommend two to four weeks between fertilizing and re-testing.

Question: My soil will not settle to the bottom in the soil/water solution I've mixed.

Although the directions read the soil and water should settle for at least 10 minutes before proceeding, there is no harm in letting the soil settle much longer. Suggest the consumer mix the soil and water the evening or even the day before testing. Some very fine clay soil will not settle. For these few homeowners, the kit will not work.

Question: The testing capsule didn't dissolve.

The capsules must be opened and the testing powder poured into the test tube. There isn't enough water present to dissolve the capsule.

Question: The color result I got doesn't match any on the color chart.

1. If the result is the same "color" but a different "shade" it's a matter of a judgment decision between the different nutrient levels.
2. The consumer may have inadvertently used the wrong capsule for the test in question.

In most cases we offer to send the consumer additional reagent capsules for re-testing. If an error was made in the first testing process, it's generally corrected the second time through.

HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

WHY TEST YOUR SOIL?

Plants need food (nutrients) for healthy growth. Nitrogen, Phosphorus and Potash (N, P and K for short), play a vital role in plant growth just as vitamins, minerals, carbohydrates and protein do in our health.

HOW TO TEST YOUR SOIL

For the new and experienced soil testers alike, you will appreciate this easy, fast and fun way to achieve better growing results from your gardening efforts!

Everything is color-coded, including the tubes and capsules. All you do is take a sample of soil, mix with water, add powder from capsule, shake and watch the color develop. Then, note your test results. Fast, easy and it only takes a few minutes!

WHEN TO TEST YOUR SOIL

Soil should be tested periodically throughout the growing season, but it is especially recommended to test before planting in Spring and when preparing beds in Fall. And, if you feel your plants are not growing well, a soil test may help.

Included in the kit are:

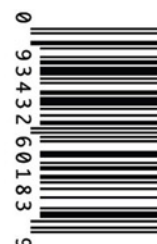
40 test capsules, 10 each for pH, N, P and K, Four (4) Color-coded Test Tubes, Test Tube Storage Dock, complete instructions for adjusting soil pH, fertilization guidelines and pH preference list for over 450 plants for the home, yard and garden.

Soil Test Kit Components
Complete Instruction
booklet Inside.



60183L

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www.PanaceaProducts.com
Assembled in USA from
Foreign and Domestic parts



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APPENDIX H

Correspondence & Notifications

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

QUESTIONS

Action 485344

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 485344
	Action Type: [NOTIFY] 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	Remediation Plan 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 19.15.29.12 NMAC	07/18/2025
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.

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Phone: (505) 476-3441

General Information
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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

Action 485344

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 485344
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	7/16/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/16/2025

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

QUESTIONS

Action 493907

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493907
	Action Type: [NOTIFY] 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	Remediation Plan 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	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/14/2025
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.

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Phone: (505) 629-6116

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

CONDITIONS

Action 493907

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493907
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	8/8/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/8/2025

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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

QUESTIONS

Action 499538

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 499538
	Action Type: [NOTIFY] 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	Remediation Plan 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	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/29/2025
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. (32.3143768,-103.690033)

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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

Action 499538

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 499538
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	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.	8/26/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/26/2025

Erick Herrera

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, April 2, 2025 5:15 PM
To: 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 Shelly.Wells@emnrd.nm.gov
<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.rale@dmn.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,



Abraham Valladares

Project Coordinator

Etech Environmental & Safety Solutions, Inc.

C: (432) 967-9624

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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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

QUESTIONS

Action 503825

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nKL1622549584
Incident Name	NKL1622549584 TOMCAT 8 FEDERAL #001 @ 30-025-38367
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report 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	No
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 for 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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Oil Conservation Division
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QUESTIONS, Page 2

Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety 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	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation 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.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 09/08/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 3

Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
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 and 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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl 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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/29/2025
On what date will (or did) the final sampling or liner inspection occur	08/29/2025
On what date will (or was) the remediation complete(d)	08/29/2025
What is the estimated surface area (in square feet) that will be reclaimed	271
What is the estimated volume (in cubic yards) that will be reclaimed	41
What is the estimated surface area (in square feet) that will be remediated	271
What is the estimated volume (in cubic yards) that will be remediated	41
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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General Information
Phone: (505) 629-6116

Online Phone Directory
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 09/08/2025
<i>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.</i>	

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QUESTIONS, Page 5

Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 6

Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	499538
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/29/2025
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	271
What was the total volume (cubic yards) remediated	41
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	271
What was the total volume (in cubic yards) reclaimed	41
Summarize any additional remediation activities not included by answers (above)	The Site was remediated
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 09/08/2025

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Action 503825

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503825
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 503825

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/29/2025