

Incident ID	nAPP2312129418
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

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Printed Name: Dale Woodall Title: Env. Professional

Signature: *Dale Woodall* Date: 10/04/23

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Shelly Wells Date: 10/25/2023

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Remediation Plan

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

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

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

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

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- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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Closure

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

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

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

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

October 16, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Closure and Deferral Request Report
Spica 25 Fed 3H Wellpad
Devon Energy Production Company
Site Location: Unit L, S25, T19S, R31E
(Lat 32.628904°, Long -103.830236°)
Eddy County, New Mexico
Incident ID: nAPP2312129418**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Spica 25 Fed 3H Wellpad (Site). The Site is located approximately 16 miles southeast of Loco Hills, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 29th, 2023. The release was a result of a broken stainless steel line, which resulted in the release of approximately 5 barrels (bbls) of crude oil of which 4 bbls were recovered for a net loss of 1 bbls of crude oil. Upon discovery, the equipment was shut-in, repaired and area was secured. The release area is shown on Figure 3. The initial and closure C-141 form is attached.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water sources within a ½-mile radius of the location. The nearest identified well is located 0.4 miles north of the site in, Sec 23 T23S R33E. The well was drilled in 2023 to a reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered at that depth. A site characterization information packet with the associated USGS and NMSEO summary report is attached.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX): 50 mg/kg.
- GRO + DRO: 1,000 mg/kg
- TPH: 2,500 mg/kg (GRO + DRO + MRO).

Mr. Mike Bratcher
October 16, 2023
Page 2 of 3

- Chloride: 10,000 mg/kg

Site Assessment

On May 12th, 2023, and May 18th, 2023, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of two sample points (S-1 and S-2) were installed within the release area to characterize the impacts. Additionally, ten horizontal delineation sample points (H-1 through H-10) were installed to define the extent of impacts. Soil samples were collected at 0.5 to 1 ft depth intervals ranging in depth from 0 – 5.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Analytical results identified elevated chloride and TPH concentrations across the release area. Soil impacts were identified at 0 - 3.5 ft bgs in the area of S-1 and at 0 - 3.5ft bgs in the area of S-2. Further delineation efforts will be conducted during excavation activities to complete the characterization of the vertical extent of impact. Analytical results from the horizontal delineation indicated sample points H-1 through H-10 were above the regulatory limit for GRO+DRO concentrations with further delineation efforts will be conducted during excavation activities. On May 18th, 2023, ten (10) new horizontal delineation sample points (H-1A through H-10A) were installed to define the extent of impacts. Analytical results indicated H-1A through H-10A were below the regulatory limit for all analytes. Analytical results for all delineation samples are presented in Table 1.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of 4.5 ft bgs in the areas of S-1 and S-2.

The impacted soils were field screened during excavation activities to aide in determining final excavation depths. On September 27th, 2023, a total of eight (8) composite confirmation samples were collected from the excavation base (CS-1 through CS-8) and eleven (11) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-11) to ensure impacted soil was removed.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

The confirmation samples were collected from areas representing no greater than 200 square ft and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0). Analytical results indicated that all base confirmation samples (CS-1 through CS-8) and several sidewall confirmation samples (SW-3 through SW-11) were below NMOCD regulatory criterion. Two sidewall confirmation samples (SW-1 and SW-2) were above NMOCD regulatory criterion. Analytical results for all confirmation samples are presented in Table 2.


Mr. Mike Bratcher
October 16, 2023
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Deferral Request

Devon personnel have expressed that the excavation areas SW-1 and SW-2 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., pumpjack, wellhead and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is shown on Figure 3. Delineation samples DH-1 & DV-2 were installed in order to delineate the areas of SW-1 and SW-2, upon receiving the analytical results it was noted that the spill's vertical and horizontal footprint was fully defined, sample point locations are shown in Figure 3.

On behalf of Devon, NTG Environmental formally requests a deferral to address the remaining soil impacts (SW-1 and SW-2) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date. The release notification, site assessment/characterization, remediation plan, and closure/deferral portion of form C-141 are attached to the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental


Ethan Sessums
Project Manager

Attachments:

- Initial And Final C-141
- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody Documents

INITIAL AND FINAL C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
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Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

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

Cause of Release

State of New Mexico
Oil Conservation Division

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

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: _____ Title: _____ Signature: <u>Kendra Ruiz</u> Date: _____ email: _____ Telephone: _____
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>05/10/2023</u>

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>1644</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>68.500</u>
Barrels of Soil Impacted	<u>12.21</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>1.83</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	1.83
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>1644</u>	<u>0.150</u>
Standing fluid	<u>3.663</u>
Total fluids spilled	5.495

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

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

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

CONDITIONS
 Action 215662

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 215662
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	5/10/2023

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

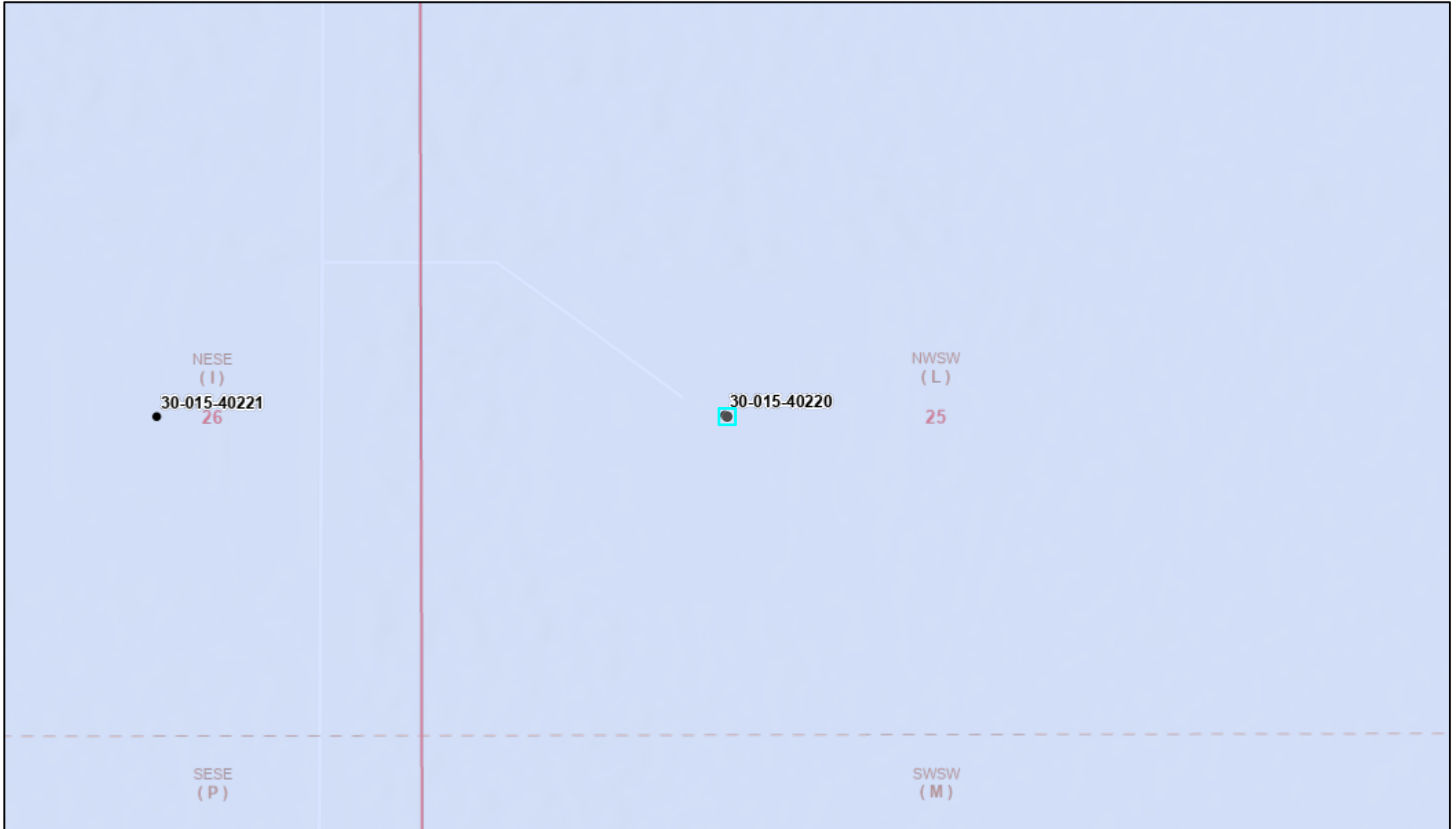
Spica 25 Federal #003H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	>55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	Office of the State Engineer (OSE)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	United States Geological Survey (USGS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	X	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water		in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh water well used by less than 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Sensitive and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

OCD Well Locations

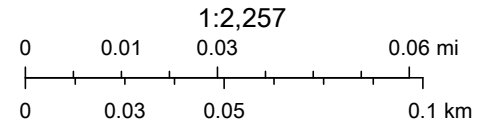


5/18/2023, 8:24:09 AM

Wells - Large Scale Karst Occurrence Potential PLSS Second Division

• Oil, Active Low

 PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph,

OSE POD Location Map



10/4/2023, 8:47:25 AM

Override 1

● Plugged

GIS WATERS PODs

 OSE District Boundary

● Active

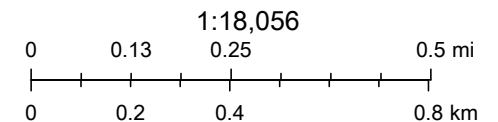
Water Right Regulations

 New Mexico State Trust Lands

Closure Area

Both Estates

SiteBoundaries



Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph,

Online web user

This is an unofficial map from the OSE's online application.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) CP-1939			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 38	SECONDS 3.45	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE	-103	49	57.98	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE NE Sec.26 T19S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/6/23	DRILLING ENDED 4/6/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material	BORE HOLE DEPTH (FT) ±55	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	DATE STATIC MEASURED 4/18/23		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					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	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO.	CP-01939	POD NO.	1	TRN NO.	740305		
LOCATION	19S.31E.26.242	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	4	4	Sand, fine-grained, poorly graded, unconsolidated, Tan	Y ✓ N	
	4	20	16	Sand, fine-grained, poorly graded, semi-consolidated, Tan off white	Y ✓ N	
	20	25	5	Clay, semi plastic, with fine-grained sand, gray/white	Y ✓ N	
	25	40	15	Clay, Stiff, semi-plastic, gray/white	Y ✓ N	
	40	55	15	Sand, fine/very fine-grained, poorly graded, unconsolidated, Tan	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: <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.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 6 Regulus 26 Fed 2	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt		




6. 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:		
		Jackie D. Atkins	4/27/23
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE	

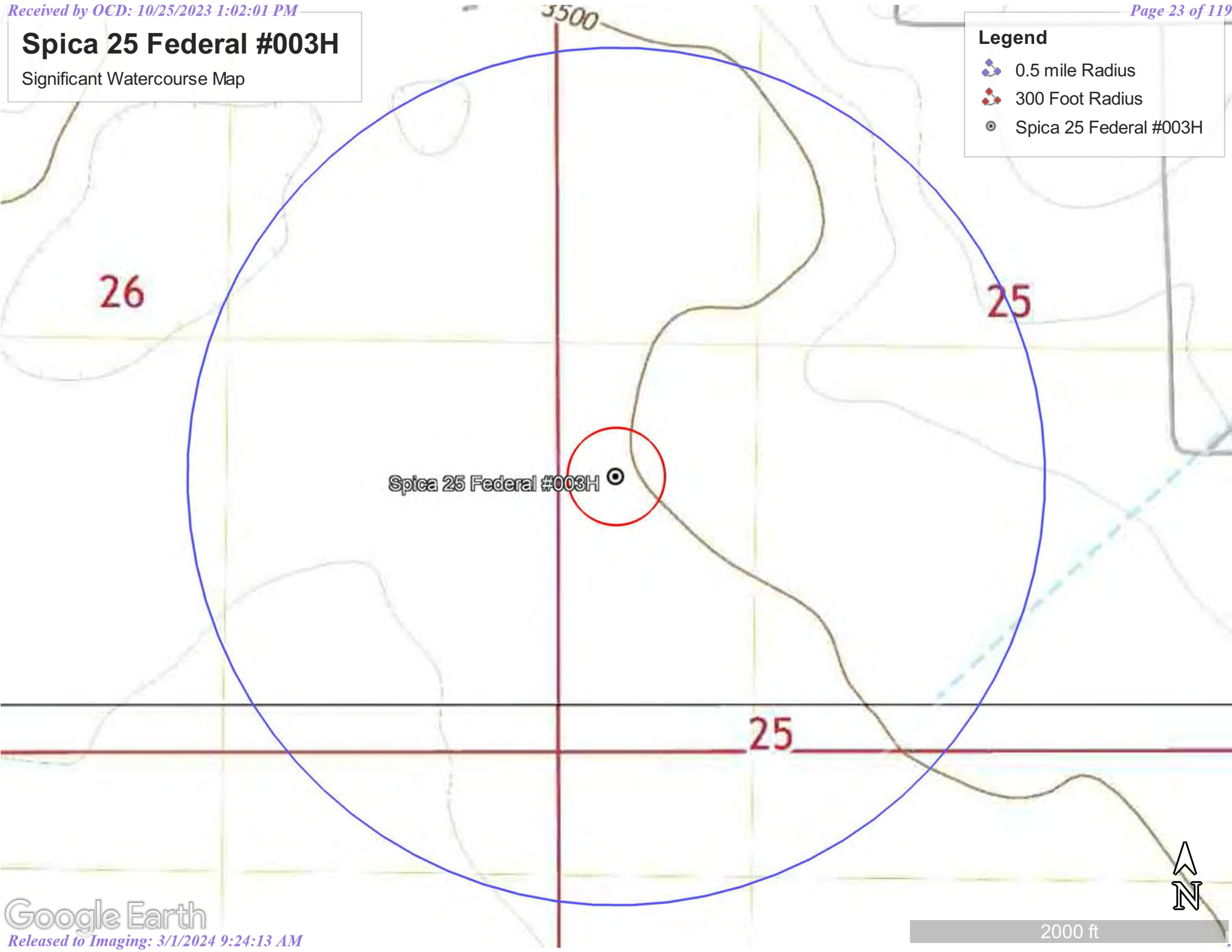
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. CP-01939	POD NO. 1	TRN NO. 740305	
LOCATION 195.31E.26.242	WELL TAG ID NO.	PAGE 2 OF 2	

Spica 25 Federal #003H

Significant Watercourse Map

Legend

-  0.5 mile Radius
-  300 Foot Radius
-  Spica 25 Federal #003H





Spica 25 Fed#3



May 18, 2023

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



103°50'7"W 32°37'59"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/18/2023 at 9:21 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TABLES

Table 1
 Summary of Soil Analytical Data - Delineation Samples
 SPICA 25 FED 3H
 Devon Energy Production Company
 Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC													
Vertical Delineation Samples													
S-1	5/12/2023	(0-0.5')	9.57	251	199	334	793	3810	9980	13790	1960	15750	9330
S-1	5/12/2023	(1-1.5')	<0.050	0.838	0.987	2.16	3.99	26.7	290	316.7	59	375.7	1250
S-1	5/12/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2400
S-1	5/12/2023	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2040
S-1	5/12/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
S-1	5/18/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
S-2	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	758	758	174	932	24400
S-2	5/12/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
S-2	5/12/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
S-2	5/12/2023	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	80.2	80.2	16.2	96.4	2160
S-2	5/12/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
S-2	5/18/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
Horizontal Delineation Samples													
H-1	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1390	1390	318	1708	304
H-1A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1130	1130	295	1425	320
H-2A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1200	1200	294	1494	304
H-3A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	806	806	201	1007	272
H-4A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1060	1060	320	1380	320
H-5A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-6	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1260	1260	319	1579	352
H-6A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-7	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	838	838	204	1042	368
H-7A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-8	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	732	732	171	903	320
H-8A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-9	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	830	830	195	1025	368
H-9A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-10	5/12/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	677	677	157	834	288
H-10A	5/18/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
Deferral Samples													
DH-1	10/16/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
DV-1	10/16/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	10/16/2023	(6-6.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

- Notes:
1. Values reported in mg/kg
 2. < = Value Less Than Reporting Limit (RL)
 3. Bold indicates Analyte Detected
 4. BTEX analyses by EPA Method SW 8021B
 5. TPH analyses by EPA Method SW 8015 Mod.
 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
 9. --- Not Analyzed

SP-1 Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Spica 25 Fed 3H Wellpad
Devon Energy Production Company
Eddy County, New Mexico

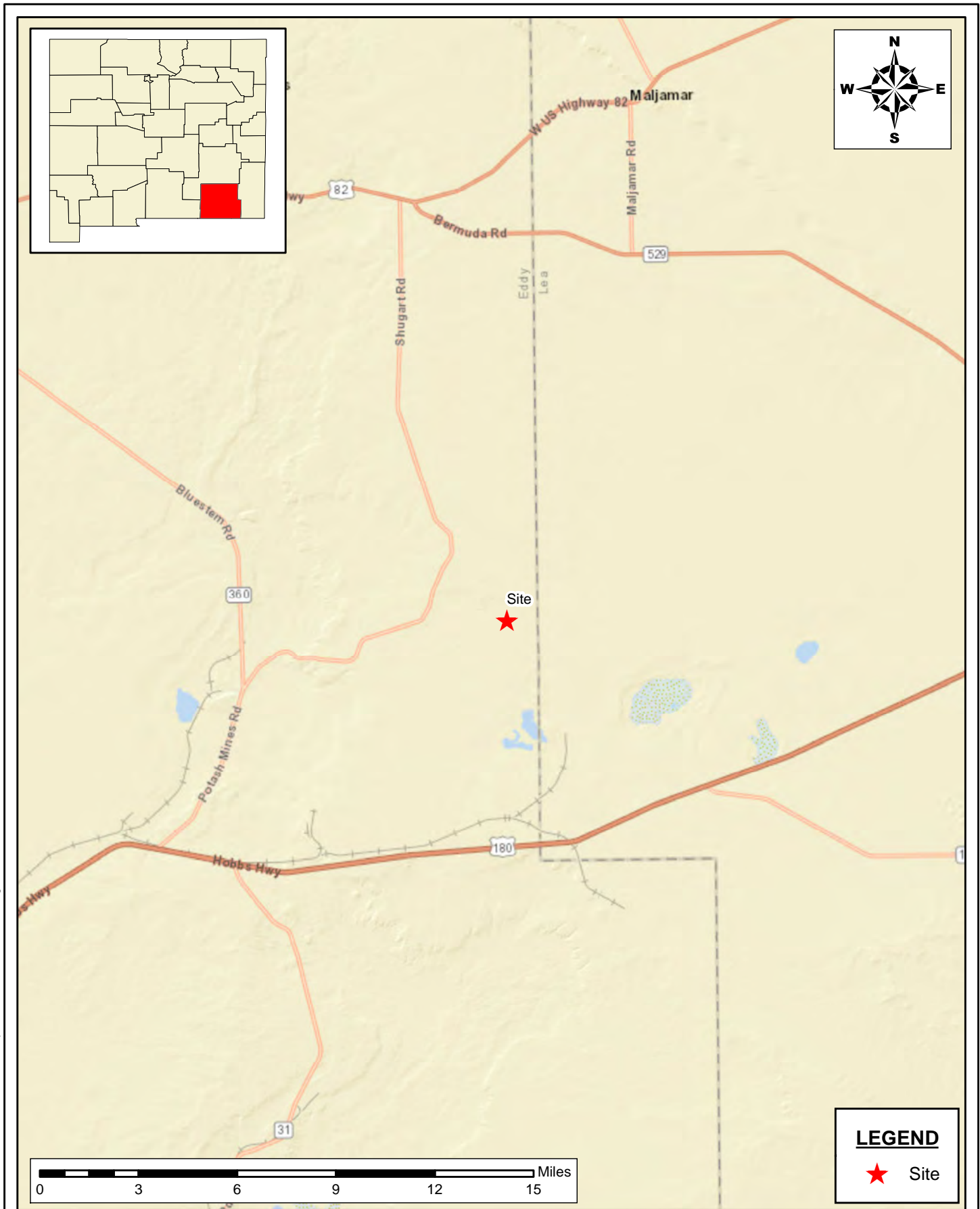
Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6 - C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6 - C35) (mg/kg)	
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg			
Confirmation Base Samples													
CS-1	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	195
CS-2	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	246
CS-3	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	248
CS-4	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	223
CS-5	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	290
CS-6	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	248
CS-7	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	213
CS-8	9/27/2023	4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	270
Confirmation Sidewall Samples													
SW-1	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	2030	2030	1050	3080	1340
SW-2	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	5930
SW-3	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	380
SW-4	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	311
SW-5	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	382
SW-6	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	367
SW-7	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	368
SW-8	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	335
SW-9	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<400.0
SW-10	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	252
SW-11	9/27/2023	0-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	336

Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

SP 1 Sample Point Excavated

FIGURES



Document Path: P:\2023 PROJECTS\DEVON\SC\237335 - Spica 25 Federal #003H\GIS\Figure_1_SL.mxd

SITE LOCATION MAP
 CLOSURE REPORT SPICA 25
 FEDERAL #003H DEVON
 ENERGY CORPORATION EDDY
 COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenviromental.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

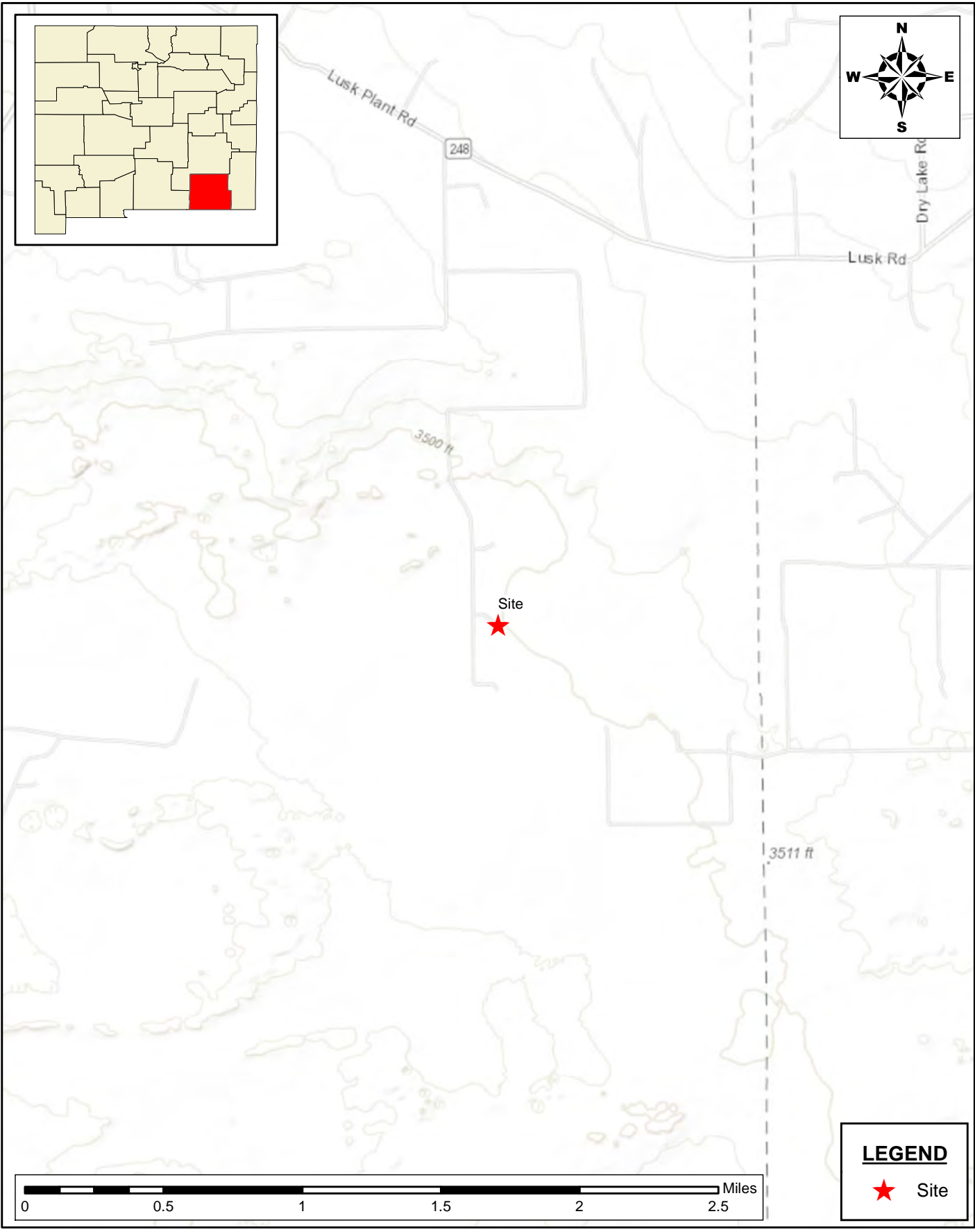
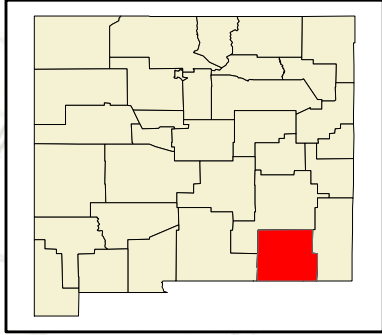
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FIGURE 1

SHEET NUMBER:

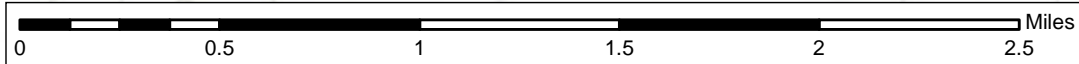
1 of 1

SCALE: As Shown Date: 5/10/2023 PROJECT #: 237335



LEGEND

★ Site



Document Path: P:\2023 PROJECTS\DEVON\RSC\237335 - Spica 25 Federal #003H\GIS\Figure_2_SA.mxd

SITE AREA MAP
 CLOSURE REPORT
 SPICA 25 FEDERAL #003H
 DEVON ENERGY CORPORATION
 EDDY COUNTY, NEW MEXICO


New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1

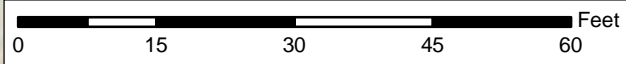
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Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\NRSC\237335 - Spica 25 Federal #003H7 - Figures\GIS\Figure_3_Closure Map.mxd



LEGEND

- Vertical Soil Sample
- Horizontal Soil Sample
- Area of Concern



**SITE ASSESSMENT MAP
CLOSURE REPORT**
 SPICA 25 FED 3H WELLPAD
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 10/23/2023 PROJECT #: 237335

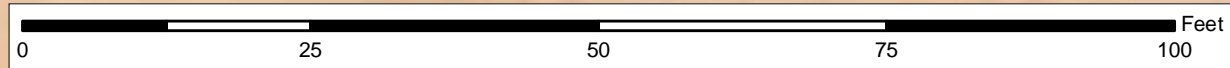
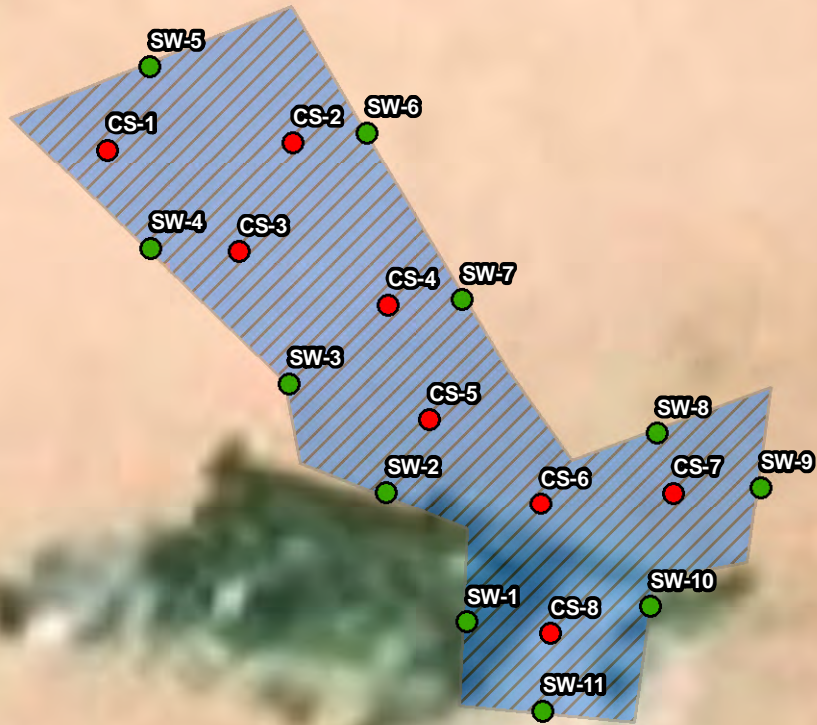

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 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2017
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1

LEGEND

- Confirmation Sample
- Sidewall Sample
- 4.5 ft excavation



Document Path: P:\2023 PROJECTS\DEVON\NRS\237335 - Spica 25 Federal #1003HY7 - Figures\KMZ\Figure_4_Closure Map.mxd

CONFIRMATION MAP
 CLOSURE REPORT
 SPICA 25 FED 3H WELLPAD
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO


New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2017
 2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

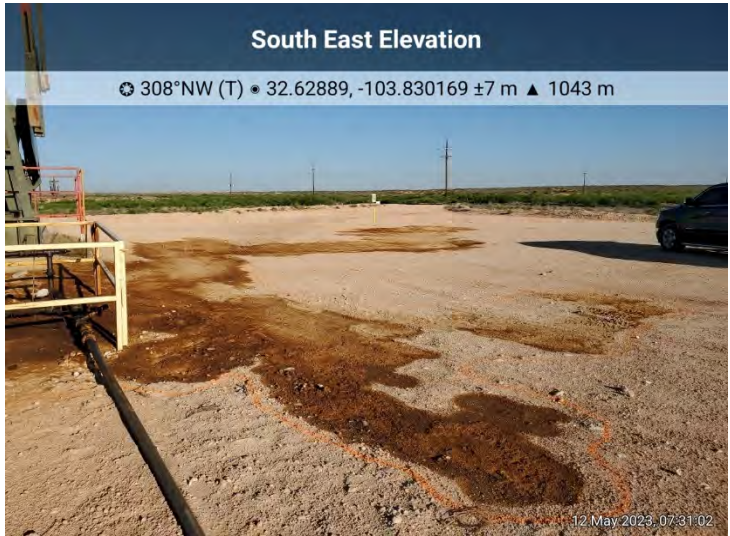
Devon Energy Production Company

Photograph No. 1

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



Photograph No. 2

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



Photograph No. 3

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



PHOTOGRAPHIC LOG

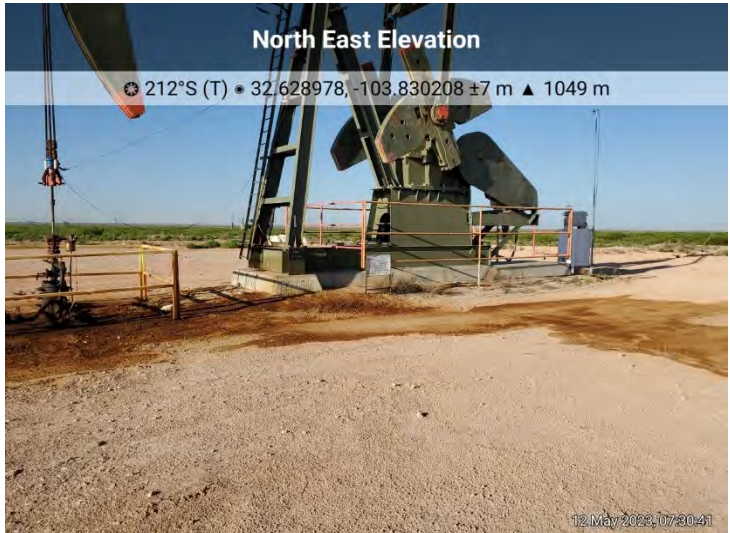
Devon Energy Production Company

Photograph No. 4

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



Photograph No. 5

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



Photograph No. 6

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
Area of impact.



PHOTOGRAPHIC LOG

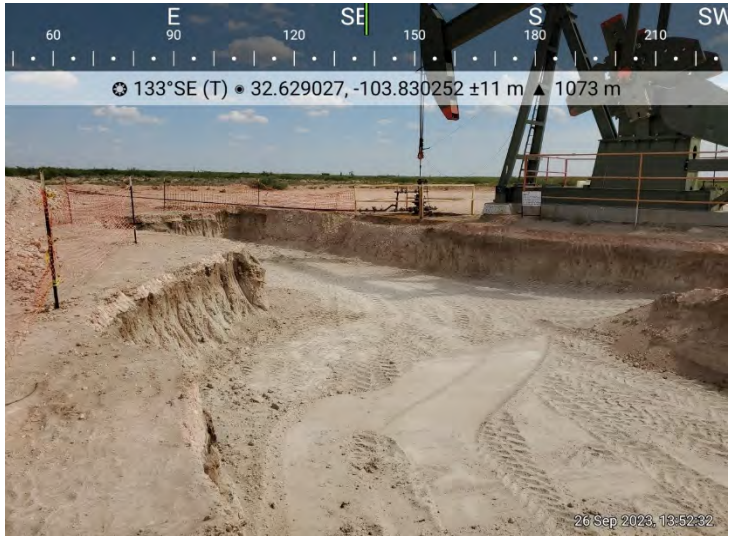
Devon Energy Production Company

Photograph No. 7

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



Photograph No. 8

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.

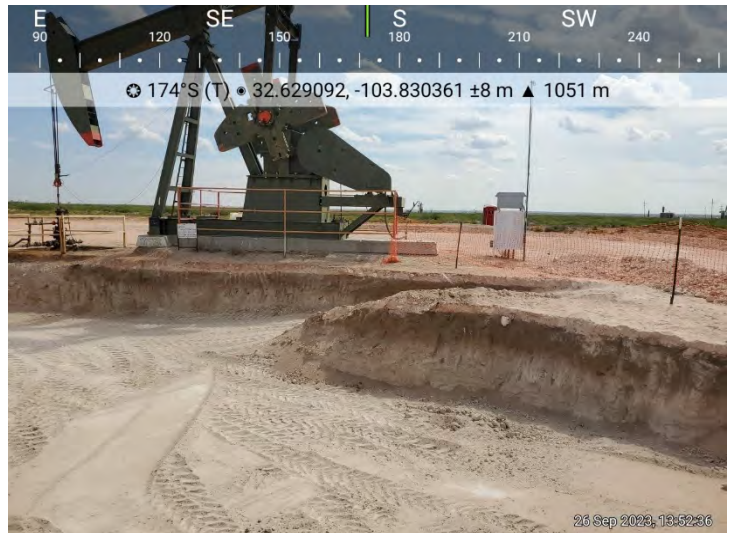


Photograph No. 9

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 10

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



Photograph No. 11

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



Photograph No. 12

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



PHOTOGRAPHIC LOG

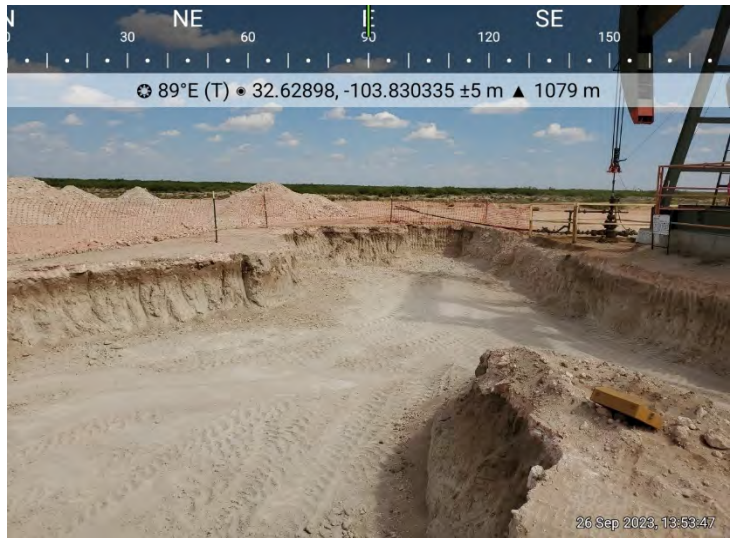
Devon Energy Production Company

Photograph No. 13

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



Photograph No. 14

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



Photograph No. 15

Facility: Spica 25 Fed 3H Wellpad

County: Eddy County, New Mexico

Description:
View of excavation area.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

May 15, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SPICA 25 FED 3H

Enclosed are the results of analyses for samples received by the laboratory on 05/12/23 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (0-0.5') (H232388-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	9.57	5.00	05/12/2023	ND	2.28	114	2.00	0.378	QM-07	
Toluene*	251	5.00	05/12/2023	ND	2.28	114	2.00	0.214	QM-07	
Ethylbenzene*	199	5.00	05/12/2023	ND	2.27	113	2.00	0.764	QM-07	
Total Xylenes*	334	15.0	05/12/2023	ND	6.88	115	6.00	1.17	QM-07	
Total BTEX	793	30.0	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	05/15/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	3810	100	05/13/2023	ND	211	105	200	0.487	QM-07, QR-03		
DRO >C10-C28*	9980	100	05/13/2023	ND	187	93.6	200	1.71	QM-07, QR-03		
EXT DRO >C28-C36	1960	100	05/13/2023	ND							

Surrogate: 1-Chlorooctane 297 % 48.2-134

Surrogate: 1-Chlorooctadecane 207 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (1-1.5') (H232388-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	0.838	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	0.987	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	2.16	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	3.99	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	26.7	10.0	05/12/2023	ND	211	105	200	0.487	
DRO >C10-C28*	290	10.0	05/12/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	59.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (2-2.5') (H232388-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378		
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17		
Total BTEX	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	05/15/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	211	105	200	0.487		
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	187	93.6	200	1.71		
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (3-3.5') (H232388-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	211	105	200	0.487	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (4-4.5') (H232388-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	211	105	200	0.487	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (0-0.5') (H232388-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	758	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	174	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (1-1.5') (H232388-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (2-2.5') (H232388-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (3-3.5') (H232388-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	80.2	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	16.2	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (4-4.5') (H232388-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 1 (0-0.5') (H232388-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	1390	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	318	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 2 (0-0.5') (H232388-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	1130	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	295	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 3 (0-0.5') (H232388-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	1200	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	294	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 4 (0-0.5') (H232388-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	806	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	201	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 5 (0-0.5') (H232388-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	1060	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	270	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 6 (0-0.5') (H232388-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	1260	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	319	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 7 (0-0.5') (H232388-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	838	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	204	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 8 (0-0.5') (H232388-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	732	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	171	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 9 (0-0.5') (H232388-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.378	
Toluene*	<0.050	0.050	05/12/2023	ND	2.28	114	2.00	0.214	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.27	113	2.00	0.764	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.88	115	6.00	1.17	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487	
DRO >C10-C28*	830	10.0	05/13/2023	ND	187	93.6	200	1.71	
EXT DRO >C28-C36	195	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 10 (0-0.5') (H232388-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2023	ND	2.23	112	2.00	4.24		
Toluene*	<0.050	0.050	05/12/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.17	109	2.00	4.32		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.64	111	6.00	3.02		
Total BTEX	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	05/15/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	211	105	200	0.487		
DRO >C10-C28*	677	10.0	05/13/2023	ND	187	93.6	200	1.71		
EXT DRO >C28-C36	157	10.0	05/13/2023	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 123238

Page 1 of 2

Page 23 of 24

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments

Program: PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST RRP Level IV

Reporting: Level II Level III PST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Project Name:	<u>Spica 25 Fed 3H</u>	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	<u>237335</u>	Due Date:	<u>4/8/23</u>	TAT starts the day received by the lab, if received by 4:30pm	
Project Location:	<u>Edley Co, NM</u>	Sampler's Name:	<u>Kellen Sr. 74</u>	Parameters	
PO #:	<u>2162091</u>	Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BTEX 8021B	
SAMPLE RECEIPT		Thermometer ID:	<u>113</u>	TPH 8015M (GRO + DRO + MRO)	
Received In tact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	<u>-0.66</u>	Chloride 4500	
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	<u>4.43</u>	HOLD	
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	<u>3.82</u>	Preservative Codes	
Total Containers:	<u>20</u>			None: NO <input type="checkbox"/> DI Water: H ₂ O	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
S-1 (0-0.5')	5/12/23		X		6.5	1		
C-1 (1-1.5')								
S-1 (2-2.5')								
S-1 (3-3.5')								
S-1 (4-4.5')								
S-2 (6-0.5')								
S-2 (1-1.5')								
S-2 (2-2.5')								
S-2 (3-3.5')								
S-2 (4-4.5')								

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-12-23 0945			



Chain of Custody

Work Order No: H232388

Page 2 of 2

Page 24 of 24

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RRC	<input type="checkbox"/> Superfund
State of Project:	Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> PST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Project Name:	Spica 25 for 3H	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	237335	Due Date:	4/8/24				None: NO DI Water: H ₂ O MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Edley Coy UUM	TAT starts the day received by the lab, if received by 4:30pm					
Sampler's Name:	Kellie Smith	Temp Blank:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	113		
PO #:	2162061	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Correction Factor:	-0.6%		
		Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:	44°C		
		Total Containers:	20	Corrected Temperature:	3.8°C		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
H-1 (0-0.5)	5/12/23		X		Grds	X	BTEX 8021B	
H-2			X			X	TPH 8015M (GRO + DRO + MRO)	
H-3			X			X	Chloride 4500	
H-4								
H-5								
H-6								
H-7								
H-8								
H-9								
H-10								

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-12-23 0945			



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

May 22, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SPICA 25 FED 3H

Enclosed are the results of analyses for samples received by the laboratory on 05/18/23 9:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 1 (5-5.5') (H232510-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: S - 2 (5-5.5') (H232510-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 1A (0-0.5') (H232510-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 2A (0-0.5') (H232510-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	198	99.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	204	102	200	0.362	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 3A (0-0.5') (H232510-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 4A (0-0.5') (H232510-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 5A (0-0.5') (H232510-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 6A (0-0.5') (H232510-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 7A (0-0.5') (H232510-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 8A (0-0.5') (H232510-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 9A (0-0.5') (H232510-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SPICA 25 FED 3H	Sampling Condition:	** (See Notes)
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

Sample ID: H - 10A (0-0.5') (H232510-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2023	ND	2.06	103	2.00	6.12	
Toluene*	<0.050	0.050	05/19/2023	ND	2.11	106	2.00	5.62	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.03	102	2.00	5.91	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.32	105	6.00	5.92	
Total BTEX	<0.300	0.300	05/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	171	85.5	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	189	94.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H23257D

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund State of Project: _____ Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	Work Order Comments _____
--	------------------------------

Project Name:	Spica 25 Fed 34		Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	237335		Due Date:	48 hr		
Project Location:	Edley Le/NH		TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kellen Smith					
PO #:	21162091					
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	
Received Inact:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6°C	BTEX 8021B	
Cooler Custody Seals:	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	15.6	TPH 8015M (GRO + DRO + MRO)	
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		15.0	Chloride 4500	
Total Containers:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-1 (6-5.5')	5/18/23		X		Grab	1	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
S-2 (5-5.5')									
H-1A (0-0.5')									
H-2A (0-0.5')									
H-3A (0-0.5')									
H-4A (0-0.5')									
H-5A (0-0.5')									
H-6A (0-0.5')									
H-7A (0-0.5')									
H-8A (0-0.5')									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5-18-23 0935			



Chain of Custody

Work Order No: H232570

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carrsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	State of Project:
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	<u>Spica 25 Fed 34</u>	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	<u>237335</u>	Due Date:	<u>4/8/23</u>		
Project Location:	<u>Edley Co, NM</u>	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	<u>Kelley Smith</u>				
PO #:	<u>2116 7091</u>				
SAMPLE RECEIPT					
Received Intact:	Temp Blank:	Yes	No	Yes	No
Cooler Custody Seals:	Thermometer ID:	Yes	No	<u>113</u>	
Sample Custody Seals:	Correction Factor:	Yes	No	<u>-0.6%</u>	
Total Containers:	Temperature Reading:	Yes	No	<u>15.6%</u>	
	Corrected Temperature:	Yes	No	<u>15.0%</u>	

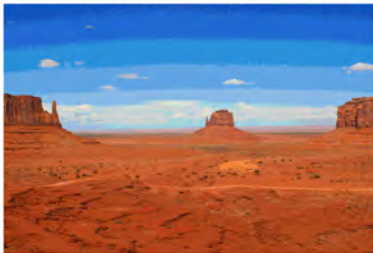
Sample Identification	Date	Time	Soil	Water	Grab Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
H-9A (0-0.5')	5/18/23		X		Grb	1	X	X	X	
H-10A (0-0.5')	5/18/23		X		Grb	1	X	X	X	

Additional Comments:

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<u>[Signature]</u>	<u>[Signature]</u>	<u>5-18-23 0935</u>			

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Spica 25 Federal #003H

Work Order: E309209

Job Number: 01058-0007

Received: 9/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/29/23

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.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/29/23



Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Spica 25 Federal #003H
Workorder: E309209
Date Received: 9/28/2023 7:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/28/2023 7:15:00AM, under the Project Name: Spica 25 Federal #003H.

The analytical test results summarized in this report with the Project Name: Spica 25 Federal #003H 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

Alexa Michaels
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 09/29/23 15:59
---	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 4.5'	E309209-01A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-2 4.5'	E309209-02A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-3 4.5'	E309209-03A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-4 4.5'	E309209-04A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-5 4.5'	E309209-05A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-6 4.5'	E309209-06A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-7 4.5'	E309209-07A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
CS-8 4.5'	E309209-08A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-1 0-4.5'	E309209-09A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-2 0-4.5'	E309209-10A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-3 0-4.5'	E309209-11A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-4 0-4.5'	E309209-12A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-5 0-4.5'	E309209-13A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-6 0-4.5'	E309209-14A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-7 0-4.5'	E309209-15A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-8 0-4.5'	E309209-16A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-9 0-4.5'	E309209-17A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-10 0-4.5'	E309209-18A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.
SW-11 0-4.5'	E309209-19A	Soil	09/27/23	09/28/23	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-1 4.5'

E309209-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	195	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-2 4.5'

E309209-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		101 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	246	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-3 4.5'

E309209-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.0 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	248	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-4 4.5'

E309209-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	223	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-5 4.5'

E309209-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	290	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-6 4.5'

E309209-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.5 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	248	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-7 4.5'

E309209-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	213	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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CS-8 4.5'

E309209-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/28/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	09/28/23	09/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	270	20.0	1	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-1 0-4.5'

E309209-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.8 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	2030	125	5	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	1050	250	5	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		94.5 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	1340	200	10	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-2 0-4.5'

E309209-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.1 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	5930	200	10	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-3 0-4.5'

E309209-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	380	200	10	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-4 0-4.5'

E309209-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	311	200	10	09/28/23	09/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-5 0-4.5'

E309209-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	382	200	10	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-6 0-4.5'

E309209-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		110 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	367	200	10	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-7 0-4.5'

E309209-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		120 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	368	200	10	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-8 0-4.5'

E309209-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	335	200	10	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-9 0-4.5'

E309209-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	ND	400	20	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-10 0-4.5'

E309209-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.4 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	252	200	10	09/28/23	09/29/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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SW-11 0-4.5'

E309209-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Benzene	ND	0.0250	1	09/28/23	09/28/23	
Ethylbenzene	ND	0.0250	1	09/28/23	09/28/23	
Toluene	ND	0.0250	1	09/28/23	09/28/23	
o-Xylene	ND	0.0250	1	09/28/23	09/28/23	
p,m-Xylene	ND	0.0500	1	09/28/23	09/28/23	
Total Xylenes	ND	0.0250	1	09/28/23	09/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2339054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/23	09/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	09/28/23	09/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2339063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/23	09/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/23	09/29/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	09/28/23	09/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2339078
Chloride	336	200	10	09/28/23	09/29/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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Volatile Organics by EPA 8021B

Analyst: IY

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 (2339054-BLK1)

Prepared: 09/28/23 Analyzed: 09/28/23

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	7.62		8.00		95.3	70-130			

LCS (2339054-BS1)

Prepared: 09/28/23 Analyzed: 09/28/23

Benzene	4.88	0.0250	5.00		97.6	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.91	0.0250	5.00		98.2	70-130			
p,m-Xylene	9.98	0.0500	10.0		99.8	70-130			
Total Xylenes	14.9	0.0250	15.0		99.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike (2339054-MS1)

Source: E309209-07

Prepared: 09/28/23 Analyzed: 09/28/23

Benzene	4.82	0.0250	5.00	ND	96.4	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	61-133			
Toluene	4.85	0.0250	5.00	ND	97.1	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike Dup (2339054-MSD1)

Source: E309209-07

Prepared: 09/28/23 Analyzed: 09/28/23

Benzene	4.86	0.0250	5.00	ND	97.2	54-133	0.921	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	1.73	20	
Toluene	4.91	0.0250	5.00	ND	98.2	61-130	1.17	20	
o-Xylene	4.92	0.0250	5.00	ND	98.4	63-131	1.68	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	1.75	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131	1.73	20	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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 (2339054-BLK1)

Prepared: 09/28/23 Analyzed: 09/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2339054-BS2)

Prepared: 09/28/23 Analyzed: 09/28/23

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

Matrix Spike (2339054-MS2)

Source: E309209-07

Prepared: 09/28/23 Analyzed: 09/28/23

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike Dup (2339054-MSD2)

Source: E309209-07

Prepared: 09/28/23 Analyzed: 09/28/23

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2339063-BLK1)

Prepared: 09/28/23 Analyzed: 09/28/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	50-200			

LCS (2339063-BS1)

Prepared: 09/28/23 Analyzed: 09/28/23

Diesel Range Organics (C10-C28)	247	25.0	250		98.6	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			

Matrix Spike (2339063-MS1)

Source: E309209-15

Prepared: 09/28/23 Analyzed: 09/28/23

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

Matrix Spike Dup (2339063-MSD1)

Source: E309209-15

Prepared: 09/28/23 Analyzed: 09/28/23

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	6.70	20	
Surrogate: n-Nonane	56.7		50.0		113	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 9/29/2023 3:59:00PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2339078-BLK1)

Prepared: 09/28/23 Analyzed: 09/28/23

Chloride	ND	20.0							
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LCS (2339078-BS1)

Prepared: 09/28/23 Analyzed: 09/28/23

Chloride	249	20.0	250		99.6	90-110			
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Matrix Spike (2339078-MS1)

Source: E309209-01

Prepared: 09/28/23 Analyzed: 09/28/23

Chloride	455	20.0	250	195	104	80-120			
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Matrix Spike Dup (2339078-MSD1)

Source: E309209-01

Prepared: 09/28/23 Analyzed: 09/28/23

Chloride	480	20.0	250	195	114	80-120	5.33	20	
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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

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Spica 25 Federal #003H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 09/29/23 15:59
---	--	------------------------------------

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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



Work Order No: **E309209**
 Job # **01058-0007**

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dvn.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> FRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST													Preservative Codes					
Project Number:	237335	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																None: NO	DI Water: H ₂ O	
Project Location	Eddy Co, NM	Due Date:	48hr	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD											Cool: Cool	MeOH: Me		
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN		
PO #:	21162091																		H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No						Wet Ice:	Yes No												H ₃ PO ₄ : HP
Received Intact:	Yes No	Thermometer ID:																				
Cooler Custody Seals:	Yes No N/A	Correction Factor:																				
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4																			
Total Containers:	19	Corrected Temperature:																				
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
CS-1	4.5'	9/27/2023		X		Comp	1	X	X	X											1	
CS-2	4.5'	9/27/2023		X		Comp	1	X	X	X											2	
CS-3	4.5'	9/27/2023		X		Comp	1	X	X	X											3	
CS-4	4.5'	9/27/2023		X		Comp	1	X	X	X											4	
CS-5	4.5'	9/27/2023		X		Comp	1	X	X	X											5	
CS-6	4.5'	9/27/2023		X		Comp	1	X	X	X											6	
CS-7	4.5'	9/27/2023		X		Comp	1	X	X	X											7	
CS-8	4.5'	9/27/2023		X		Comp	1	X	X	X											8	
SW-1	0-4.5'	9/27/2023		X		Comp	1	X	X	X											9	
SW-2	0-4.5'	9/27/2023		X		Comp	1	X	X	X											10	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9-27-23 12:45	2		9/27/23 17:00
3		09/28/23 7:15	4		
5			6		

Chain of Custody



Work Order No: E309209
Job # 01058-0007

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dmv.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> FRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Spica 25 Federal #003H		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes								
Project Number:	237335		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters															None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co, NM		Due Date:	48hr			BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500															Cool: Cool	MeOH: Me	
Sampler's Name:	Kellan Smith		TAT starts the day received by the lab, if received by 4:30pm					HOLD																HCL: HC
PO #:	21162091																							H ₂ SO ₄ : H ₂
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																		H ₃ PO ₄ : HP
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	N/A	Thermometer ID:																				NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A		Correction Factor:																			Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	Yes No N/A		Temperature Reading:	4																		Zn Acetate+NaOH: Zn		
Total Containers:	19		Corrected Temperature:																			NaOH+Ascorbic Acid: SAPC		
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont																Sample Comments	
SW-3	0-4.5'	9/27/2023		X		Comp	1	X	X	X													11	
SW-4	0-4.5'	9/27/2023		X		Comp	1	X	X	X													12	
SW-5	0-4.5'	9/27/2023		X		Comp	1	X	X	X													13	
SW-6	0-4.5'	9/27/2023		X		Comp	1	X	X	X													14	
SW-7	0-4.5'	9/27/2023		X		Comp	1	X	X	X													15	
SW-8	0-4.5'	9/27/2023		X		Comp	1	X	X	X													16	
SW-9	0-4.5'	9/27/2023		X		Comp	1	X	X	X													17	
SW-10	0-4.5'	9/27/2023		X		Comp	1	X	X	X													18	
SW-11	0-4.5'	9/27/2023		X		Comp	1	X	X	X													19	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9/27/23 12:45	2		9/27/23 17:00
3		09/28/23 7:15	4		
5			6		

Envirotech Analytical Laboratory

Printed: 9/28/2023 12:09:10PM

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:	NTG-New Tech Global Environmental	Date Received:	09/28/23 07:15	Work Order ID:	E309209
Phone:	(281) 872-9300	Date Logged In:	09/27/23 16:09	Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	09/29/23 17:00 (1 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? No
 - 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: Courier

Comments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

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.



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

October 20, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SPICA 25

Enclosed are the results of analyses for samples received by the laboratory on 10/16/23 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	10/16/2023	Sampling Date:	10/16/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	SPICA 25	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO. NM		

Sample ID: DV - 1 5-5.5' (H235631-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37	
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	172	86.0	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	187	93.5	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	10/16/2023	Sampling Date:	10/16/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	SPICA 25	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO. NM		

Sample ID: DV - 1 6-6.5' (H235631-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37	
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	172	86.0	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	187	93.5	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	10/16/2023	Sampling Date:	10/16/2023
Reported:	10/20/2023	Sampling Type:	Soil
Project Name:	SPICA 25	Sampling Condition:	Cool & Intact
Project Number:	237335	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO. NM		

Sample ID: DH - 1 0.6" (H235631-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/17/2023	ND	1.84	91.8	2.00	2.37	
Toluene*	<0.050	0.050	10/17/2023	ND	1.75	87.5	2.00	1.05	
Ethylbenzene*	<0.050	0.050	10/17/2023	ND	1.77	88.7	2.00	1.12	
Total Xylenes*	<0.150	0.150	10/17/2023	ND	5.27	87.8	6.00	1.22	
Total BTEX	<0.300	0.300	10/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	172	86.0	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	187	93.5	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTCE Project Manager: Ethan Sessums Address: 209 W McKay St City: Carlsbad State: NM Zip: 78651 Phone #: (254) 266-5456 Fax #: _____ Project #: 237335 Project Owner: _____ Project Name: Spica 25 Project Location: Lea Co, NM Sampler Name: Kellan Smith		P.O. #: 21162091 Company: DEVON Attn: Mrs Matthews Address: 6482 Scan Line City: Artesia, NM State: NM Zip: 88216 Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. H235631 Sample I.D. 1 2 3		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
DATE TIME 10/25		ANALYSIS REQUEST BTEX 8021B TPH 8015M Chloride 4500	
Relinquished By: [Signature] Date: 10/14/23 Time: 15:30		Received By: [Signature] Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 1.3 Corrected Temp. °C _____ Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	
Turnaround Time: _____ Thermometer ID #140 Correction Factor 0°C _____		Standard <input checked="" type="checkbox"/> Rush Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> A-D/I Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS:			

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

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

CONDITIONS

Action 279291

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 279291
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Devon's deferral requests final remediation for (Incident Number NAPP2312129418) until final reclamation of the well pad or major construction, whichever comes first. NTG Environmental and Devon do not believe deferral will result in imminent risk to human health, the environment, or groundwater. The area requested for deferral is the area adjacent to the wellhead/pumpjack, which include sample areas (SW-1 and SW-2). At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	3/1/2024