



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

May 12, 2022

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

Re: Closure Report
Blondie 15-3 FED COM 6H
Unit G, S15, T26S, R34E
Site Coordinates: 32.046273, -103.454998
Lea County, New Mexico
Incident ID: nAPP2209837669

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 Blondie 15-3 FED COM 6H (Site). The Site is located approximately 16.2 miles west-southwest of Jal, New Mexico in Lea 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 January 14, 2022. The release was a result of a flowline leak. The failure resulted in the release of approximately 5.59 barrels (bbls) of crude oil of which 0 bbls were recovered. Upon discovery, the well was shut-in and area was secured. The release area is shown on Figure 3. The initial 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 are no known water sources within a ½ mile radius of the Site. The nearest identified well is located 3 miles east-southeast of the Site in S19 T26S R35E. The well was drilled in 1961 and the reported depth to groundwater is 198 feet below ground surface (ft bgs). A copy of the site characterization information and the associated USGS 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.
- TPH (GRO + DRO + MRO): 100 mg/kg.
- Chloride: 600 mg/kg

Mr. Mike Bratcher
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Site Assessment

On April 11, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of 3 sample points (S-1 through S-3) were installed within the release area to characterize the impacts. Additionally, 4 horizontal delineation sample points (H-1 through H-4) were installed to define the extent of impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0 – 2.5 ft bgs with a geotechnical handauger. The handauger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

The soil samples were field screened for chlorides using a field titration kit to aid in characterizing the potential impacts. The field screening results identified elevated chloride concentrations across the release area (S1 – S3) to a depth of 2 ft bgs. Field screening results for samples collected from the horizontal delineation points were all below the regulatory limits. The field screening results are included in Table 1.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with remedial action activities 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 2.5' ft. bgs in the areas of (CS1-CS-4) and to a depth of 3 ft bgs in the areas of (CS5 - CS10). The excavation area is illustrated on Figure 4.

A total of 10 confirmation samples were collected from the excavation base (CS1 - CS10) and 11 confirmation samples were collected from the excavation sidewalls (SW1 - SW11) to ensure impacted soils were successfully removed.

The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results, analytical results indicated no further excavation was required. The excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

Closing

Based on the assessment and subsequent remedial action activities, the Site is in compliance with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 is attached and Devon formally request a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Jr. Project Manager

Attachments:

Initial And Final C-141
Site Characterization Information
Tables

Figures
Photographic Log
Laboratory Reports and Chain-of-Custody

Ethan Sessums

From: Ethan Sessums
Sent: Saturday, April 23, 2022 3:10 PM
To: New Mexico OCD
Subject: Confirmation Sampling Event

We will be confirmation sampling at the Blondie 15-3 Fed Com 6 Spill ; 4-8-2022;
OCD incident number nAPP2209837669 on behalf of DEVON around 9 a.m. MDT.

Ethan Sessums
Environmental Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: essums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory
Compliance & Permitting | Site Assessment, Remediation & Site Closure | Water Quality & Natural Resources

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	
Facility ID	
Application ID	

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

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input 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>04/27/2022</u>

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>1254.342</u>	<u>2.000</u>
Cubic Feet of Soil Impacted	<u>209.057</u>
Barrels of Soil Impacted	<u>37.27</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>5.59</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	5.59
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>0</u>	<u>0.000</u>
Standing fluid	<u>0.000</u>
<u>Total fluids spilled</u>	<u>5.590</u>

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Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	198 (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 ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

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Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: *Dale Woodall* Date: 10/11/2022

email: Dale.Woodall@dm.com Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 10/11/2022

Incident ID	nAPP2209837669
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Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: **Dale Woodall** Title: **EHS Professional**
Signature: **Dale Woodall** Date: **10/11/2022**
email: **Dale.Woodall@dvn.com** Telephone: _____

OCD Only

Received by: **Jocelyn Harimon** Date: **10/11/2022**

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

Signature: _____ Date: _____

Incident ID	nAPP2209837669
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: **Dale Woodall** Title: **EHS Professional**
Signature: **Dale Woodall** Date: **10/11/2022**
email: **Dale.Woodall@dvn.com** Telephone: _____

OCD Only

Received by: **Jocelyn Harimon** Date: **10/11/2022**

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: **Jennifer Nobui** Date: **12/07/2022**
Printed Name: **Jennifer Nobui** Title: **Environmental Specialist A**

SITE CHARACTERIZATION INFORMATION

Devon - Blondie 15-3 Fed Com 6
Sec 15 T26S R34E Unit G
32.046273°N, -103.454998°W
Lea County, New Mexico

Site Characterization

-0 water features within specified distances of 1/2 mile radius

-Low Karst

- NMSEO Groundwater is 140' below surface, 3.68 miles North-northwest of the site, 1949 Drilled, Sec 06 T26S R34E
- USGS Groundwater is 123.52' below surface, 3.51 miles North-northwest of the site, 1976 Drilled, Sec 06 T26S R34E
- USGS Groundwater is 198' below surface, 3.00 miles South-southeast of the site, 1961 Drilled, Sec 19 T26S R35E

RRALs due to insufficient groundwater data

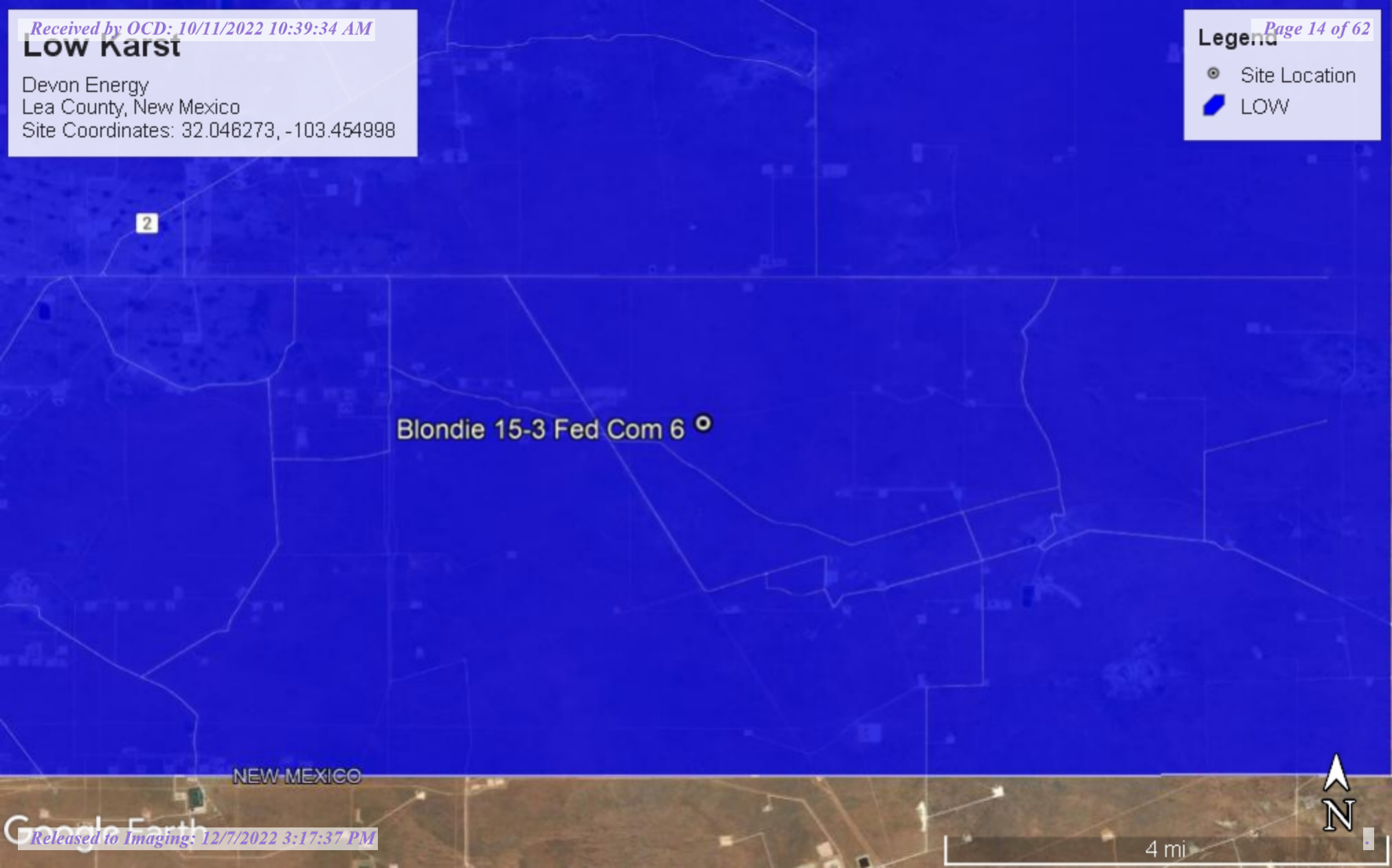
- Chlorides 600 mg/kg
- TPH GRO+DRO+MRO 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

Low Karst

Devon Energy
Lea County, New Mexico
Site Coordinates: 32.046273, -103.454998

Legend

- Site Location
- LOW



Nearest water wells

Devon Energy
Lea County, New Mexico
Site Coordinates: 32.046273, -103.454998

Legend

- 1/2 Mile Radius
- 3.00 Miles SSE
- 3.51 Miles NNW
- 3.68 Miles NNW
- Site Location
- NMSEO Water Well
- USGS Water Well

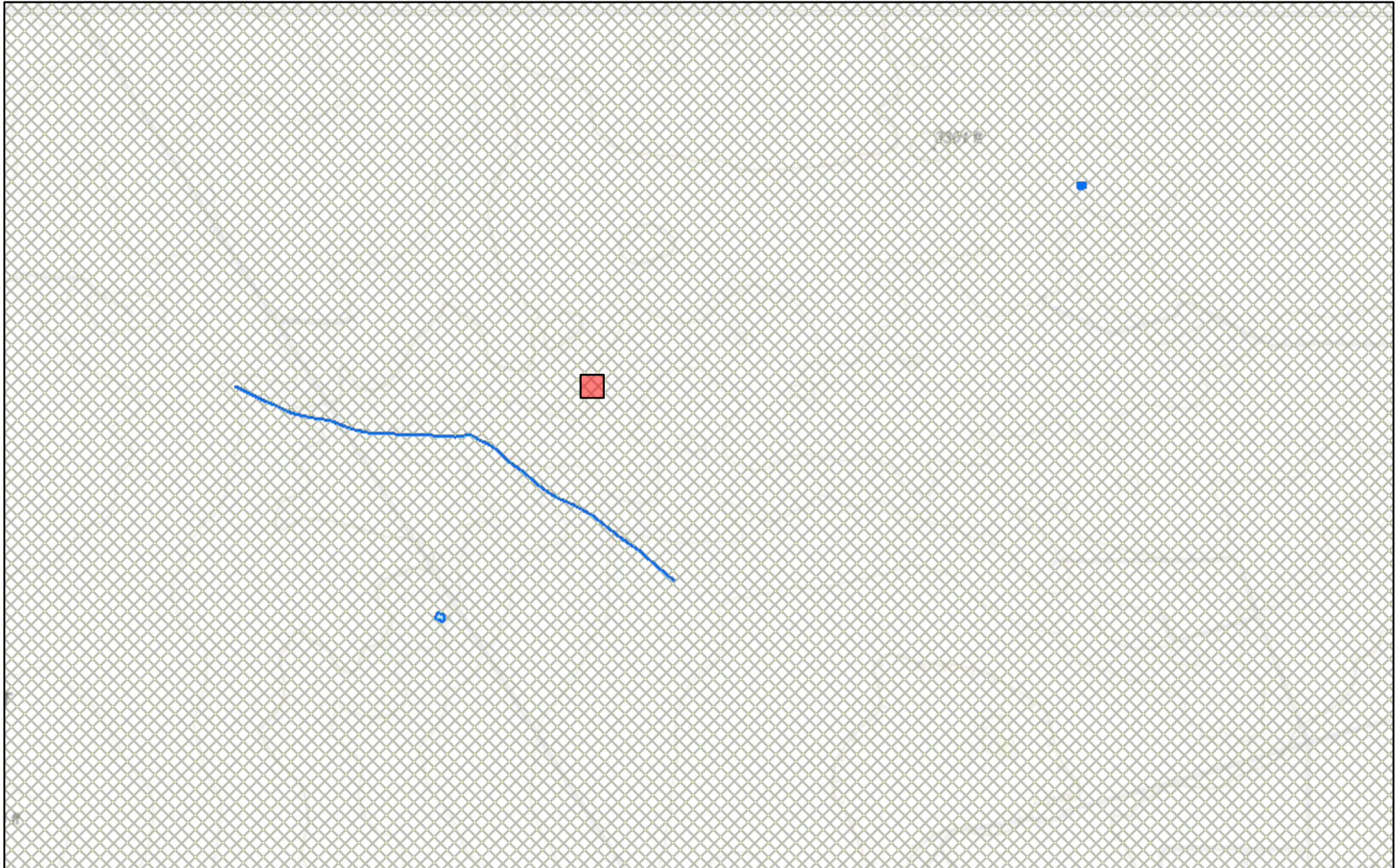
123.52' - Drilled 1976

140' - Drilled 1949

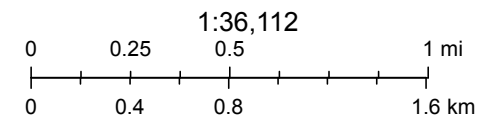
Blondie 15-3 Fed Com 6

198' - Drilled 1961

New Mexico NFHL Data



May 11, 2022




FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.



New Mexico Office of the State Engineer
Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02292 POD1	4	1	2	06	26S	34E	640992	3549987 
<hr/>									
Driller License:	122	Driller Company:		UNKNOWN					
Driller Name:	UNKNOWN								
Drill Start Date:	Drill Finish Date:					12/31/1949		Plug Date:	
Log File Date:	PCW Rev Date:					Source:			
Pump Type:	Pipe Discharge Size:					Estimated Yield: 4 GPM			
Casing Size:	6.00	Depth Well:		200 feet		Depth Water: 140 feet			
<hr/>									

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

5/11/22 9:09 AM POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04583 POD1	CUB	LE		3	3	3	15	26S	34E	644920	3545643	1353	55		
C 03442 POD1	C	LE		4	1	2	06	26S	34E	641056	3550028	5903	251		
C 02292 POD1	CUB	LE		4	1	2	06	26S	34E	640992	3549987	5932	200	140	60
C 03441 POD1	C	LE		4	1	2	06	26S	34E	640971	3550039	5979	250		

Average Depth to Water: **140 feet**

Minimum Depth: **140 feet**

Maximum Depth: **140 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 645868.14

Northing (Y): 3546608.42

Radius: 6000

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

5/11/22 8:58 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320419103302202

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320419103302202 26S.34E.06.21414A

Lea County, New Mexico
Latitude 32°04'19", Longitude 103°30'22" NAD27
Land-surface elevation 3,329 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1976-01-08			D	62610	3203.90	NGVD29	1	Z			A
1976-01-08			D	62611	3205.48	NAVD88	1	Z			A
1976-01-08			D	72019	123.52		1	Z			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

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



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-05-11 11:31:48 EDT

0.38 0.33 nadww02



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320150103235501

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320150103235501 26S.35E.19.142

Lea County, New Mexico
Latitude 32°01'53", Longitude 103°24'25" NAD27
Land-surface elevation 3,190 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1961-12-20			D 62610		2992.00	NGVD29	1	O	USGS	S	A
1961-12-20			D 62611		2993.51	NAVD88	1	O	USGS	S	A
1961-12-20			D 72019	198.00			1	O	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

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



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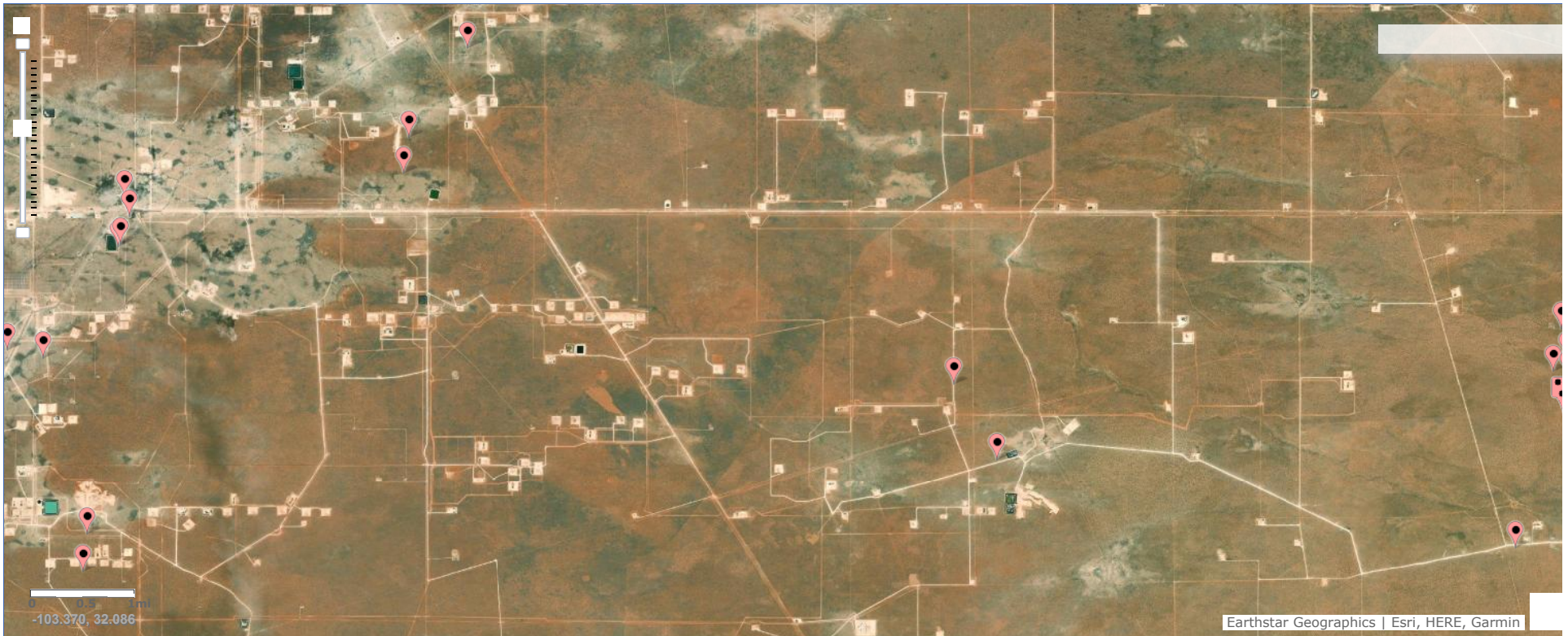
0.35 0.31 nadww01



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Site Information

TABLES

Table 1. Field Screening Results
Devon Energy
Blondie 15-3 Fed Com #6
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	Chloride (mg/kg)
S-1	4/11/2022	0-0.5	7,800
	4/11/2022	1-1.5	5,260
	4/11/2022	2-2.5	420
S-2	4/11/2022	0-0.5	5,900
	4/11/2022	1-1.5	2,300
	4/11/2022	2-2.5	260
S-3	4/11/2022	0-0.5	5,600
	4/11/2022	1-1.5	1,080
	4/11/2022	2-2.5	93
H-1	4/11/2022	-	54
H-2	4/11/2022	-	111
H-3	4/11/2022	-	94
H-4	4/11/2022	-	70
Regulatory Limit ^A			600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

ft-feet

Table 2 . Soil Analytical Results - Excavation Confirmation Samples
Devon Energy
Blondie 15-3 Fed Com #6
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	4/25/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	4/25/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-3	4/25/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-4	4/25/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-5	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-8	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-10	4/25/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-1	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-5	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-7	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-8	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-9	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-10	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-11	4/25/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Limits ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

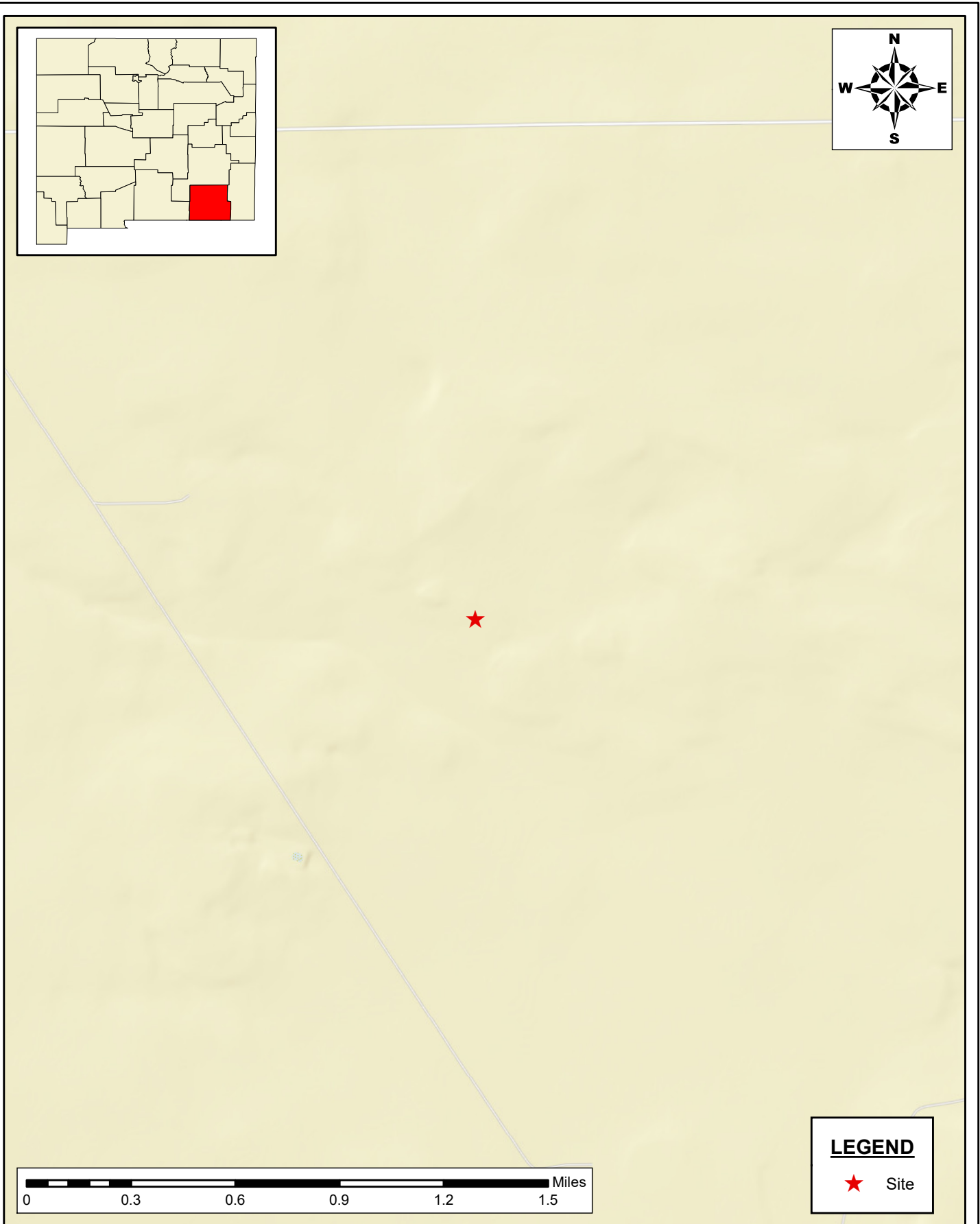
mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

FIGURES

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**SITE LOCATION MAP
CLOSURE REPORT**
BLONDIE 15-3 FED COM 6
DEVON ENERGY PRODUCTION COMPANY
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 4/13/2022 PROJECT #: 225554

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



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

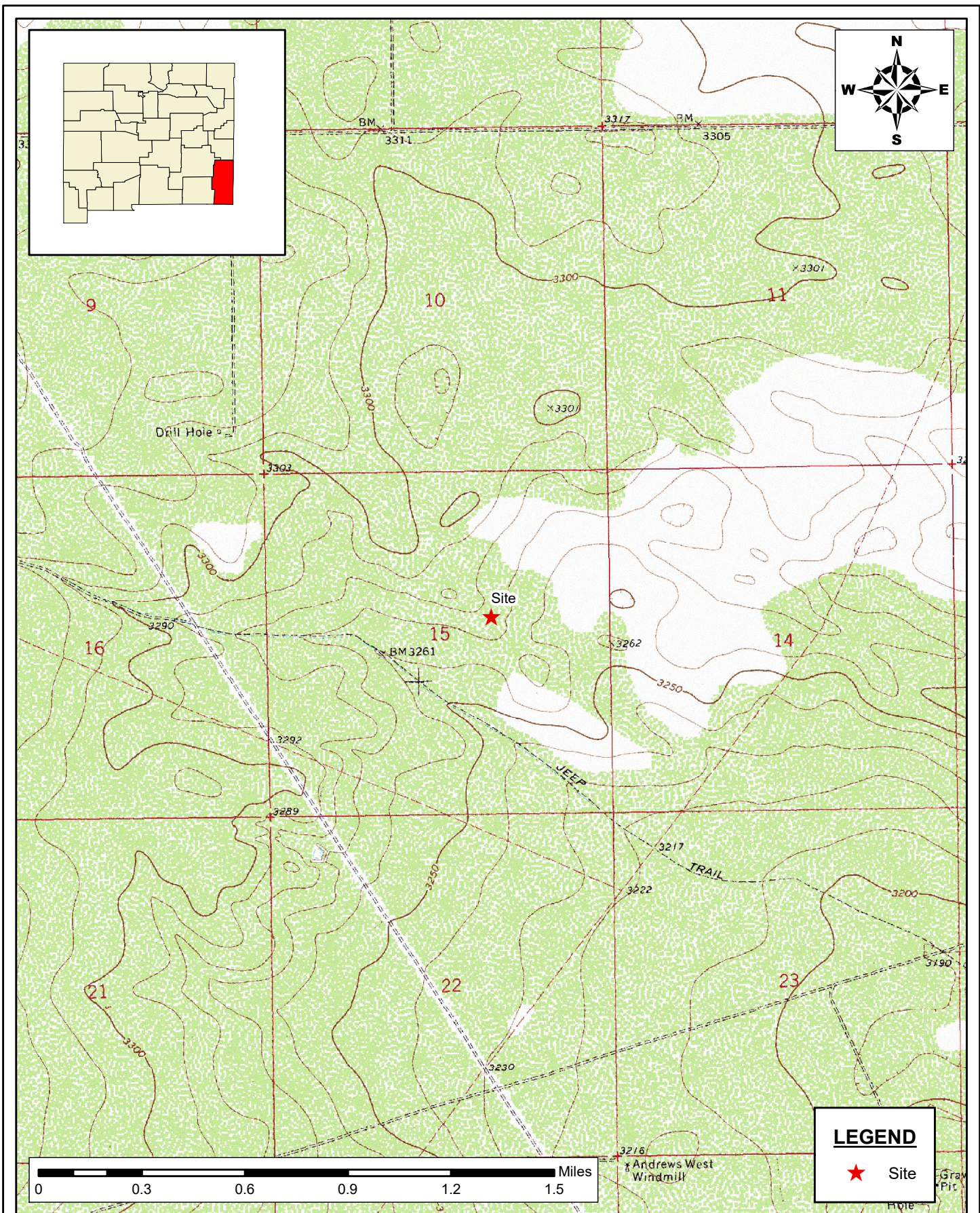
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FIGURE 1

SHEET NUMBER:

1 of 1

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AREA MAP
SITE ASSESSMENT REPORT
 BLONDIE 15-3 FED COM 6
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 4/13/2022

PROJECT #: 225554



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

NOTES:

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

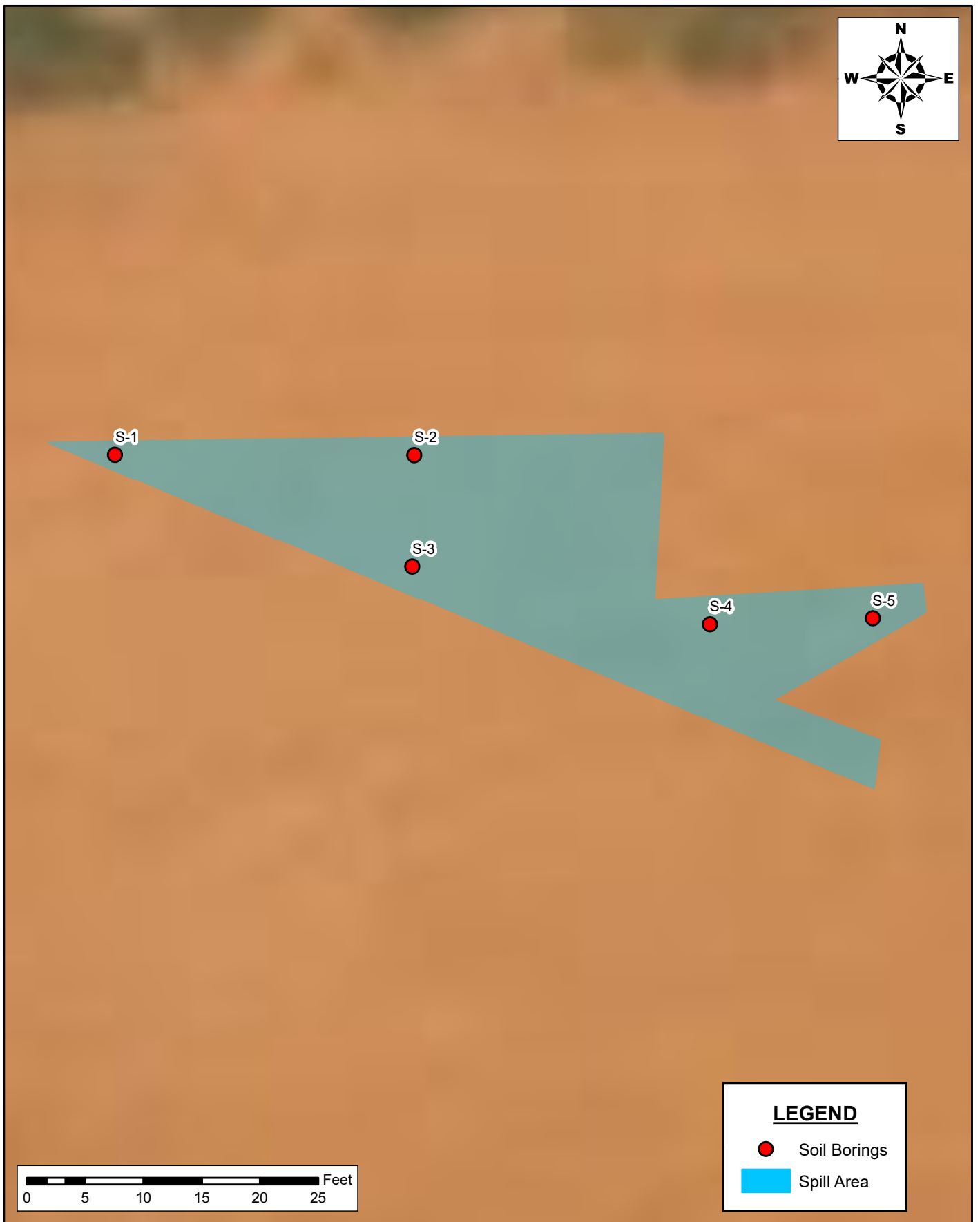
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FIGURE 2

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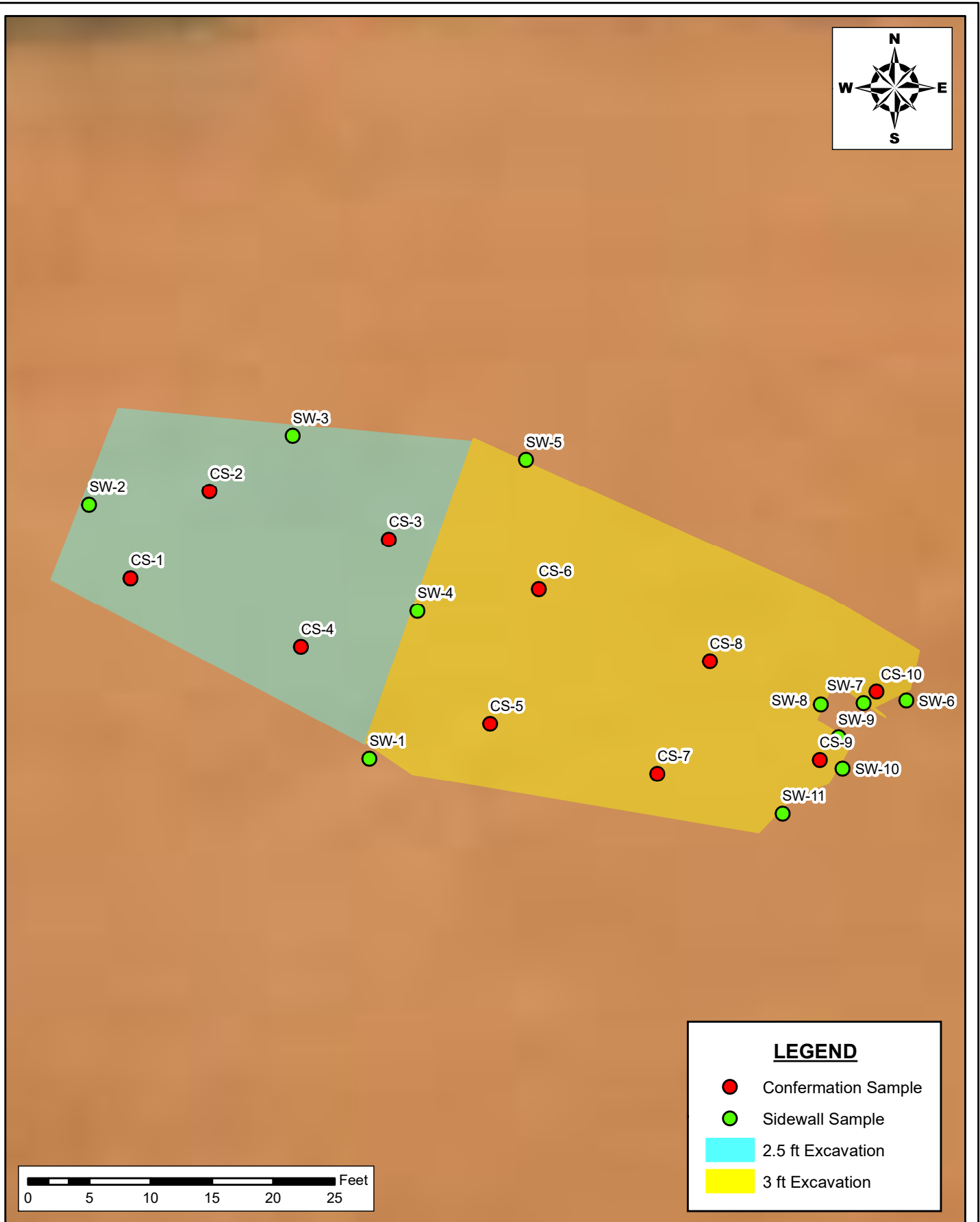


LEGEND

- Soil Borings
- Spill Area

<p>SITE LOCATION MAP SITE ASSESSMENT REPORT BLONDIE 15-3 FED COM 6 DEVON, LLC EDDY COUNTY, NEW MEXICO</p>			<p> New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroinmental.com</p>		<p>NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983</p>		<p>DRAWING NUMBER:</p>
<p>SCALE: As Shown Date: 4/27/2022 PROJECT #: 225554</p>							<p>FIGURE 3</p>
							<p>SHEET NUMBER:</p>
							<p>1 of 1</p>

Document Path: P:\2022 PROJECTS\DEVON\NRS\225554 - Blondie 15-3 Fed Com 6\7- Figures\Figure_4_Sample_Map.mxd



EXCAVATION MAP
SITE ASSESSMENT REPORT
 BLONDIE 15-3 FED COM 6
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/5/2022 PROJECT #: 225554



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
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: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View Southeast, View of south spill area excavated.



Photograph No. 2

Facility: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View West, View of excavated northern spill area.



Photograph No. 3

Facility: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View Northeast, View of northern sidewall.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View Southwest, View of western sidewall.



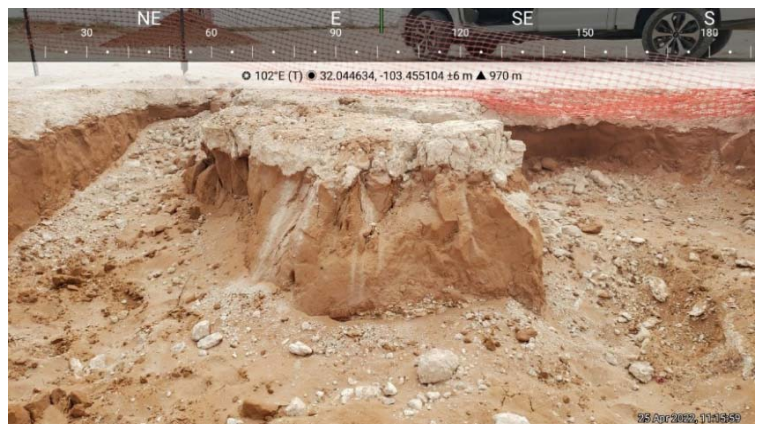
Photograph No. 5

Facility: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View East, View of eastern sidewall.



Photograph No. 6

Facility: Blondie 15-3 Fed Com 6

County: Lea County, New Mexico

Description:

View Northeast, View of northeastern sidewall.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

April 28, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BLONDIE 15-3

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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, flowing style.

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:	04/26/2022	Sampling Date:	04/25/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	BLONDIE 15-3	Sampling Condition:	Cool & Intact
Project Number:	225554	Sample Received By:	Jodi Henson
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: CS - 1 (H221700-01)

BTX 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	04/27/2022	ND	2.08	104	2.00	5.34	
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29	
Total BTX	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 2 (H221700-02)

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	04/27/2022	ND	2.08	104	2.00	5.34		
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29		
Total BTEx	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 3 (H221700-03)

BTX 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	04/27/2022	ND	2.08	104	2.00	5.34		
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 4 (H221700-04)

BTX 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	04/27/2022	ND	2.08	104	2.00	5.34		
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.0 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 5 (H221700-05)

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	04/27/2022	ND	2.08	104	2.00	5.34		
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29		
Total BTEx	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.4 % 59.5-142

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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:	04/26/2022	Sampling Date:	04/25/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	BLONDIE 15-3	Sampling Condition:	Cool & Intact
Project Number:	225554	Sample Received By:	Jodi Henson
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: CS - 6 (H221700-06)

BTX 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	04/27/2022	ND	2.08	104	2.00	5.34		
Toluene*	<0.050	0.050	04/27/2022	ND	2.08	104	2.00	4.69		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.05	103	2.00	3.47		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	3.29		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 7 (H221700-07)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17		
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

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Analytical Results For:

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

Received: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 8 (H221700-08)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17		
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 9 (H221700-09)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTX	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: CS - 10 (H221700-10)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTX	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.8 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 1 (H221700-11)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTX	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 2 (H221700-12)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17		
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.4 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 3 (H221700-13)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTEx	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 4 (H221700-14)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTX	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 5 (H221700-15)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTEx	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.9 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 6 (H221700-16)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17		
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11		
Total BTEx	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	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	04/27/2022	ND	210	105	200	3.01	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	215	107	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.1 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 7 (H221700-17)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTEx	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/27/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 8 (H221700-18)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17		
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11		
Total BTEx	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

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

Received: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 9 (H221700-19)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2022	ND	2.17	108	2.00	8.17	
Toluene*	<0.050	0.050	04/27/2022	ND	2.14	107	2.00	6.97	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	2.11	106	2.00	7.28	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.54	109	6.00	6.11	
Total BTEx	<0.300	0.300	04/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/27/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 10 (H221700-20)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	1.97	98.6	2.00	8.10		
Toluene*	<0.050	0.050	04/27/2022	ND	1.97	98.3	2.00	8.44		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	1.95	97.5	2.00	8.09		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	8.12		
Total BTEX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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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: 04/26/2022
 Reported: 04/28/2022
 Project Name: BLONDIE 15-3
 Project Number: 225554
 Project Location: DEVON ENERGY - LEA CO NM

Sampling Date: 04/25/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW - 11 (H221700-21)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2022	ND	1.97	98.6	2.00	8.10		
Toluene*	<0.050	0.050	04/27/2022	ND	1.97	98.3	2.00	8.44		
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	1.95	97.5	2.00	8.09		
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	8.12		
Total BTX	<0.300	0.300	04/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

H221700



Page 1 of 3

Page 24 of 26

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@devon.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: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Blondie 15-3	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	225554	Due Date:			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Ethan Sessums				
PO #	21021880				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.52		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	D.162		
Total Containers:	21	Corrected Temperature:	D.12		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-1	4/25/2022		X		Comp	1	BTEX 8021B	None: NO	DI Water: H ₂ O
CS-2	4/25/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)	Cool: Cool	MeOH: Me
CS-3	4/25/2022		X		Comp	1	Chloride 4500	HCL: HC	HNO ₃ : HN
CS-4	4/25/2022		X		Comp	1		H ₂ SO ₄ : H ₂	NaOH: Na
CS-5	4/25/2022		X		Comp	1		H ₃ PO ₄ : HP	
CS-6	4/25/2022		X		Comp	1		NaHSO ₄ : NABIS	
CS-7	4/25/2022		X		Comp	1		Na ₂ S ₂ O ₅ : NaSO ₃	
CS-8	4/25/2022		X		Comp	1		Zn Acetate+NaOH: Zn	
CS-9	4/25/2022		X		Comp	1		NaOH+Ascorbic Acid: SACP	
CS-10	4/25/2022		X		Comp	1			

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



Chain of Custody

Work Order No: H221700

Page 2 of 3

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@devon.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"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Blondie 15-3	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	225554	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush														None: NO	DI Water: H ₂ O		
Project Location:	Lea Co. NM	Due Date:															Cool: Cool	MeOH: Me		
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:	21021880															H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:													Zn Acetate+NaOH: Zn					
Total Containers:	21	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-1	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-2	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-3	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-4	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-5	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-6	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-7	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-8	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-9	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				
SW-10	4/25/2022		X		Comp	1	X	X	X	X	X	X	X	X	X	X				

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>	4/26/22 11:55			

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 150130

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 150130
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note C141 states release occurred on 4/8/22 but report states release occurred on 1/14/22.	12/7/2022