

Incident ID	nAPP2135745913
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: Env. Professional
Signature: Dale Woodall Date: 1/10/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Robert Hamlet Date: 4/12/2023

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

Closure Approved by: Robert Hamlet Date: 4/12/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Oil Conservation Division

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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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Signature: Dale Woodall Date: 1/10/2023
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

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

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

Signature: _____ Date: _____

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

OCD Only

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

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



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

December 23, 2022

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

**Re: Closure Report
Spud Muffin 31 CTB 1 (12.22.2021)
Devon Energy Production Company
Site Location: Unit N-31-23S-29E
(Lat 32.255624°, Long -104.026426°)
Eddy County, New Mexico
Incident ID: nAPP2135745913**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the liner inspection activities for the Spud Muffin 31 CTB 1 (Site). The Site is located in Eddy County approximately 4.9 miles southeast of Loving, New Mexico (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 December 22, 2021. The release was caused by a leaking pump within the tank battery and a small amount of overspray out of containment. The leaking pump released approximately 68.45 barrels (bbls) of produced water of which 65 bbls was recovered. The initial C-141 form is attached.

Site Characterization

The Site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one water well within a 0.5 mile radius of the Site. The nearest identified well is located approximately 0.45 miles southeast of the Site in S6, T24S, R29E. The well has a reported depth to groundwater of 36 feet below ground surface (ft bgs).

Review of USGS topographic map (Figure 2) and National Flood Hazard Layer (NFHL) data identified a significant watercourse within a 0.5 mile of the Site. The Pecos River is located approximately 0.37 miles north of the Site.

A copy of the site characterization information and the associated *Point of Diversion Summary* report for the nearest water well is attached.

Mr. Mike Bratcher
December 23, 2022
Page 2 of 3

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: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

Liner Inspection

On March 4, 2022, NTGE conducted liner inspection activities to assess the liners integrity within the facility. NTGE personnel conducted a visual inspection of the liner and found the liner to be intact with no integrity issues. A photographic log documenting the condition of the liner at the time of the inspection is attached. Additionally, a copy of the 48-hour advance notification of the liner inspection activities provided to the NMOCD is also attached.

Site Assessment Activities

On March 4, 2022, NTGE conducted site assessment activities to assess the impact present from the overspray caused by the leaking pump. A total of 2 vertical samples (S-1 and S-2) were collected from depths ranging from surface to 2.5ft below ground surface (bgs) and 4 horizontal samples (H-1 through H-4) collected to assess the horizontal extent of impacts.

Upon receipt of laboratory analysis, it was noted that the area of S-1 was impacted by chlorides to a depth of 1.5' above NMOCD standards. All other vertical and horizontal samples were below regulatory limits set forth by the division in Table 1 Closure Criteria.

Remedial Action Activities

On October 15, 2022, NTGE along with Devon initiated excavation activities at the site to address impacts discovered during the site assessment phase of the project. The entire area of concern was excavated to a depth of 2 ft bgs. NTGE field screened the areas after completion of the excavation, noting that no impacts from chlorides appeared to be present. A 48 hour notification was submitted to NMOCD notifying them of a confirmation sampling event to take place on October 24, 2022. A total of 4 confirmation base samples were collected (CS-1 through CS-4) and 4 confirmation sidewalls collected (SW-1 through SW-4) to ensure all impacted materials have been removed from the area.

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 SM4500C1-B or 300.0). Analytical results indicated that all impacted soils were removed successfully.

The final excavation extent and confirmation sample locations are shown in figure 4. Analytical results of the confirmation samples are included in Table 2. Following the receipt of analytical results, the area was backfilled and graded to a near natural state.

Mr. Mike Bratcher
December 23, 2022
Page 3 of 3

Conclusions

Based on the finding of the liner inspection and required soil samples, no further actions are required at the Site. The final C-141 is attached and Devon formally requests a no further action designation for the release. 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 C-141
- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Lab Reports & COC's
- NMOCD 48-Hour Advance Notification

INITIAL 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		

Oil Conservation Division

Incident ID	
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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.	
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Printed Name: _____	Title: _____
Signature: <u>Kendra DeHoyos</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>1/6/2022</u>

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	___36' (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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OCD Only

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OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

NAPP2135745913

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	115
Width(Ft)	65
Depth(in.)	0.75
Total Capacity without tank displacements (bbls)	83.21
No. of 500 bbl Tanks In Standing Fluid	7
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	68.51

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
233	0.063
Cubic Feet of Soil Impacted	1.223
Barrels of Soil Impacted	0.22
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	0.03
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	0.03
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
0	0.000
Standing fluid	0.000
Total fluids spilled	0.033

SITE CHARACTERIZATION INFORMATION

Devon Energy - Spud Muffin 31 CTB 1
Sec 31 T23S R29E Unit N
32.255755°N, -104.026245°W
Eddy County, New Mexico

Site Characterization

- The Pecos River is less than 0.5 miles from the site
- Medium Karst
- NMSEO Groundwater is 36' below surface, 0.45 miles Southeast of the site, 2013 drilled, Section 31
- NMSEO Groundwater is 26' below surface, 0.97 miles Southeast of the site, 2013 drilled, Section 31
- NMSEO Groundwater is 60' below surface, 1.00 miles Northwest of the site, 2003 drilled, Section 31

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

Medium Karst

Devon Energy

739

Legend

-  HIGH
-  MEDIUM
-  Site Location



Spud Muffin 31 CTB 1






738



Devon Energy

Devon Energy

Legend

-  0.45 miles
-  0.50 Radius
-  0.97 miles
-  1.0 miles
-  Spud Muffin 31 CTB 1 and water wells

60' - Drilled in 2003

 Spud Muffin 31 CTB 1

36' - Drilled in 2013

 26' - Drilled in 2013

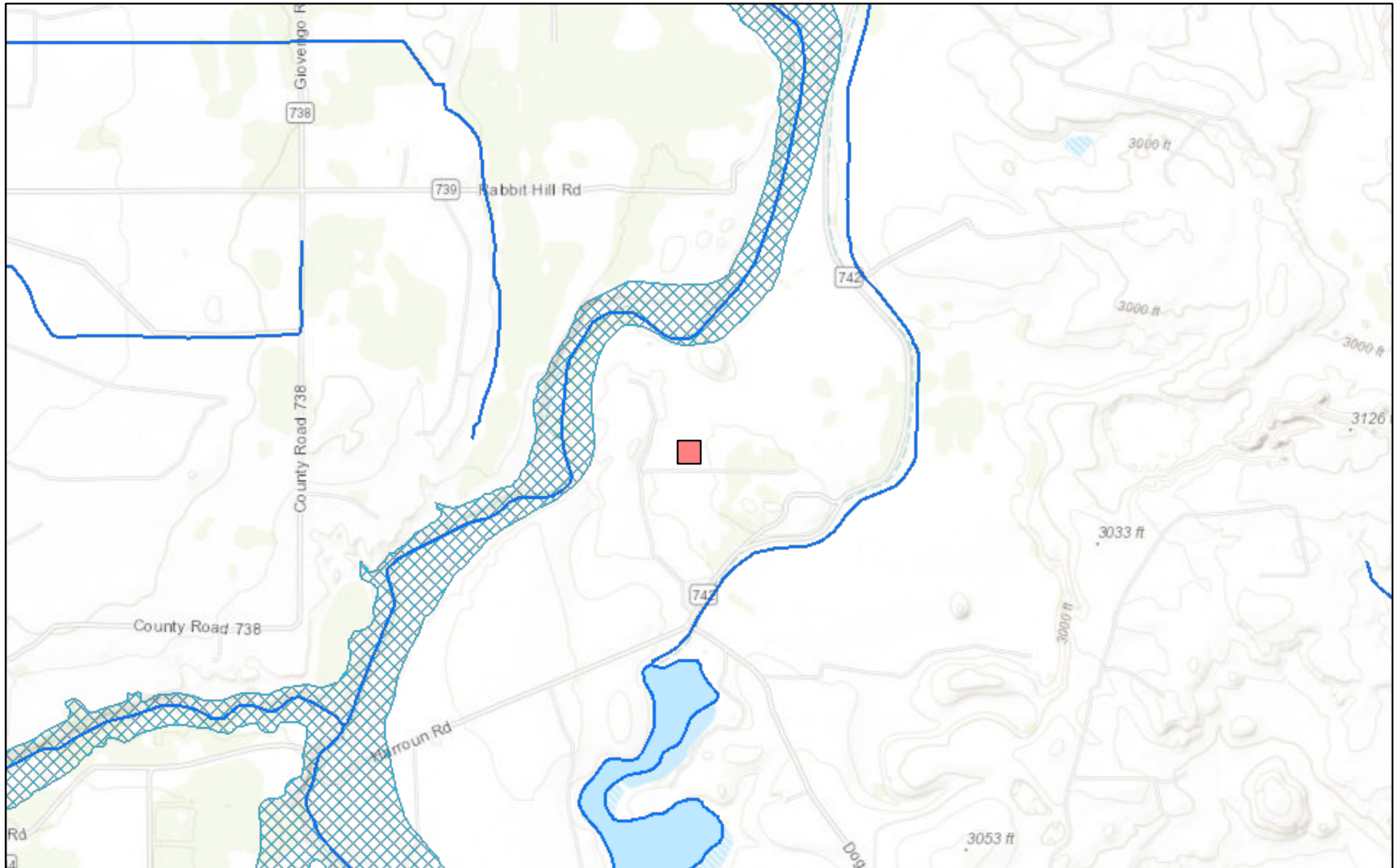
Google Earth

Released to Imaging: 4/12/2023 2:39:06 PM

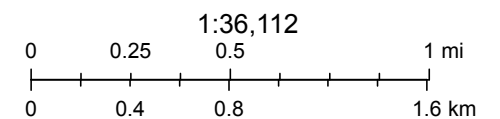
1 mi



New Mexico NFHL Data




February 22, 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,

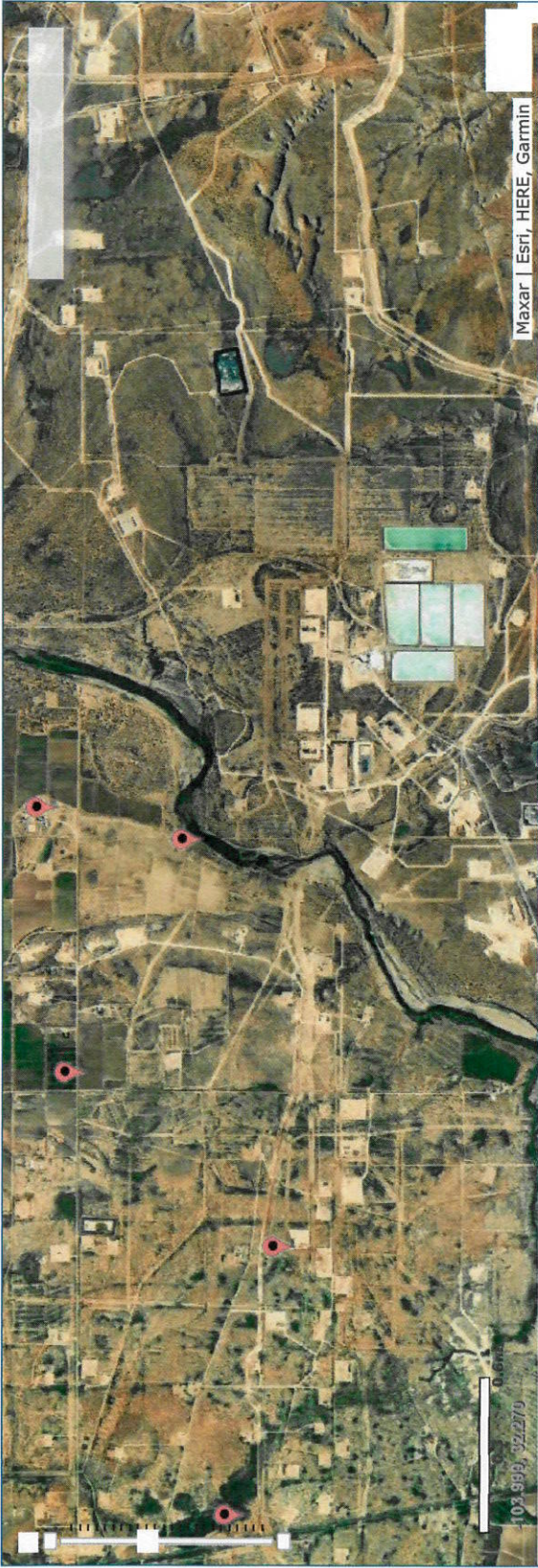
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.



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Maxar | Esri, HERE, Garmin

Site Information

TABLES

Table 1
Devon Energy
Spud Muffin 31 CTB 1 (12.22.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	3/4/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	2,200
	3/4/2022	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	1,650
	3/4/2022	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	160
S-2	3/4/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	80
H-1	3/4/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	16
H-2	3/4/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	<16.0
H-3	3/4/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	<16.0
H-4	3/4/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<.300	32
Regulatory Limit ^A			--	--	--	100 mg/kg	10 mg/kg	--	--	--	50 mg/kg	600 mg/kg

 - exceeds regulatory limits

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

^A – Table 1 - 19.15.29 NMAC

Table 2
Devon Energy
Spud Muffin 31 CTB 1 (12.22.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
SW-1	10/26/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	10/26/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	10/26/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-4	10/26/2022	N/A	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-1	10/26/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-2	10/26/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-3	10/26/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	10/26/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

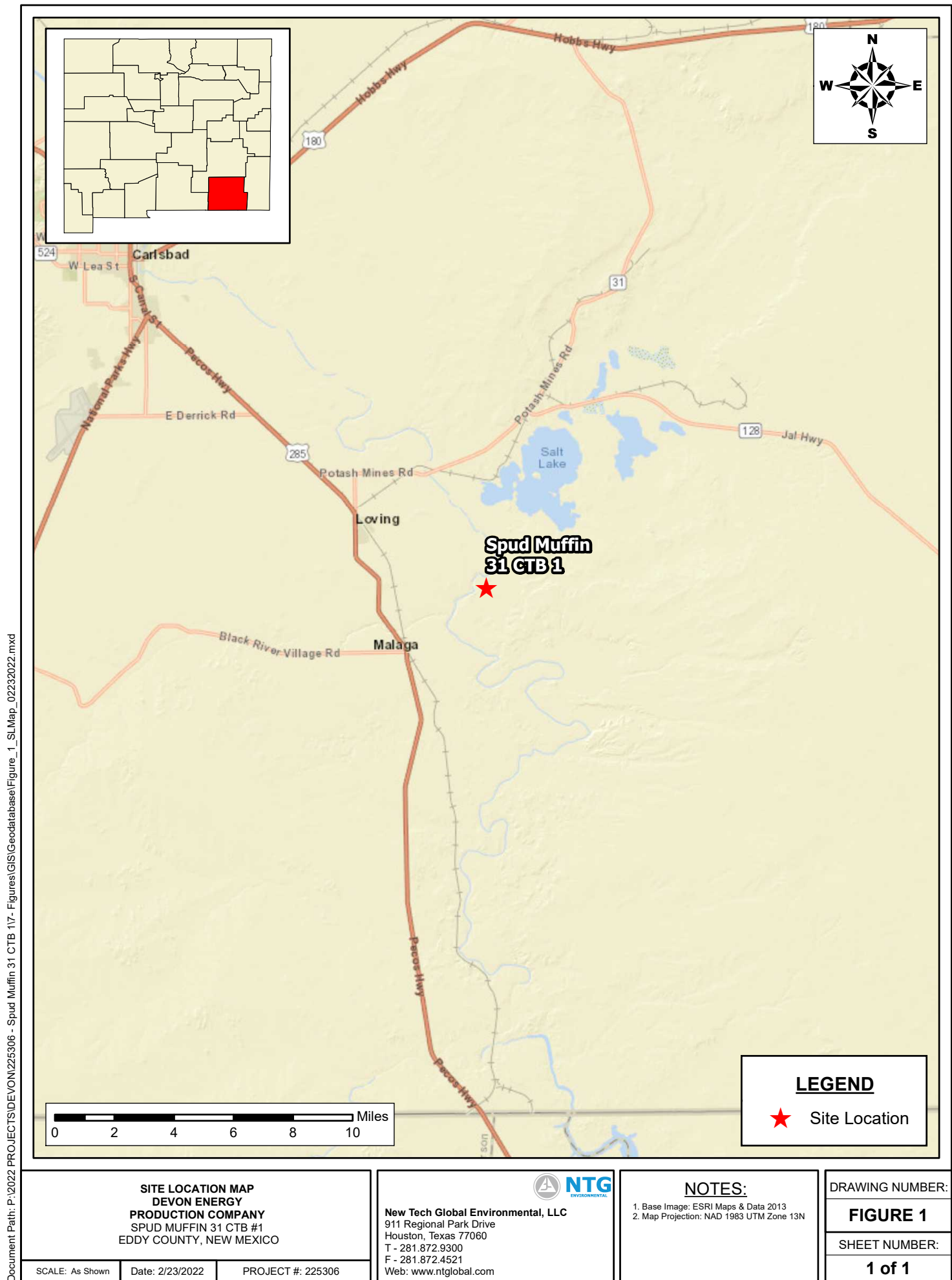
mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

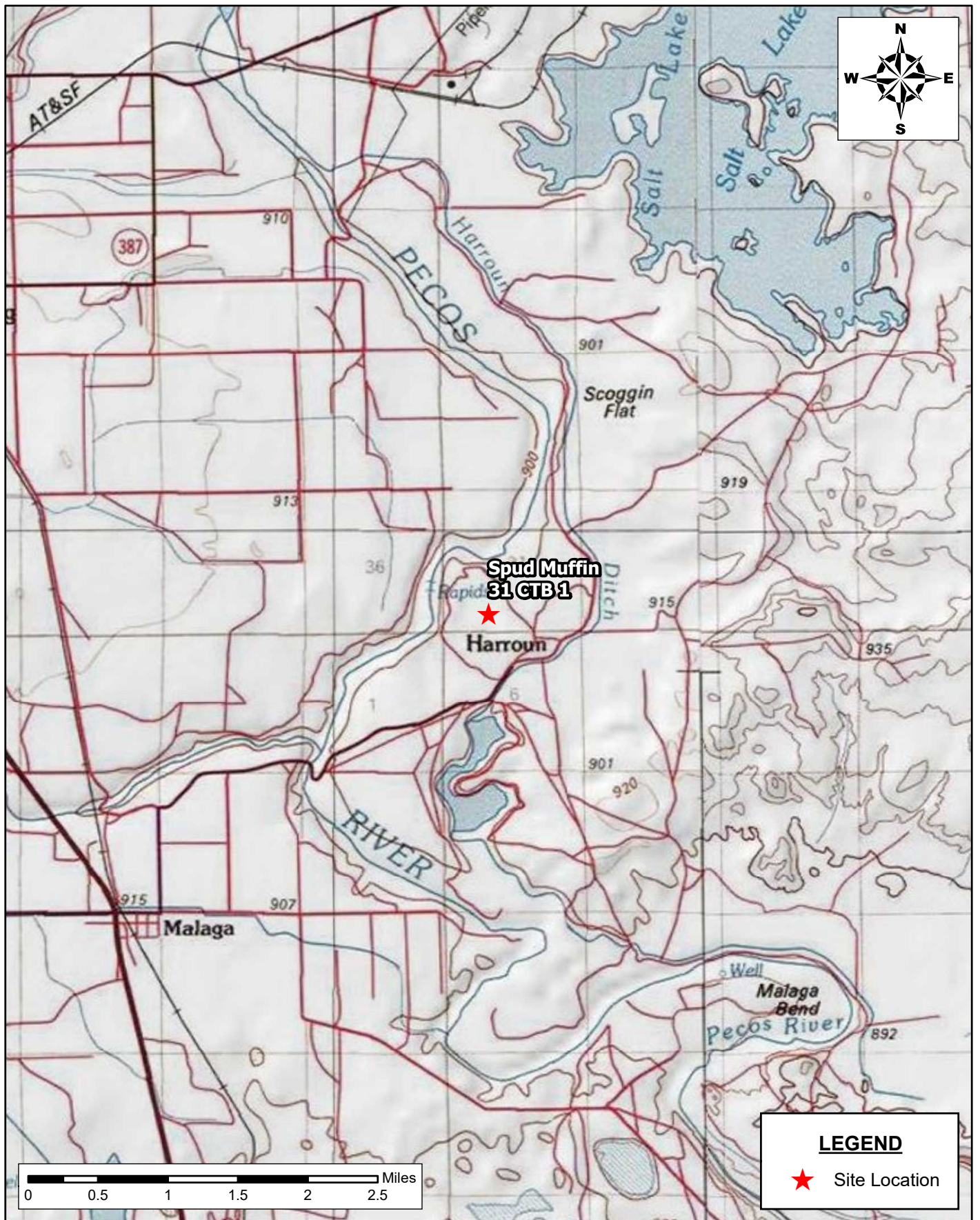
ft-feet

 exceeds regulatory limits

FIGURES



Document Path: P:\2022 PROJECTS\DEVON\225306 - Spud Muffin 31 CTB 1\17 - Figures\GIS\Geodatabase\Figure_2_AREAMap_02232022.mxd



AREA MAP
DEVON ENERGY
PRODUCTION COMPANY
SPUD MUFFIN 31 CTB #1
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 2/23/2022 PROJECT #: 225306

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



NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

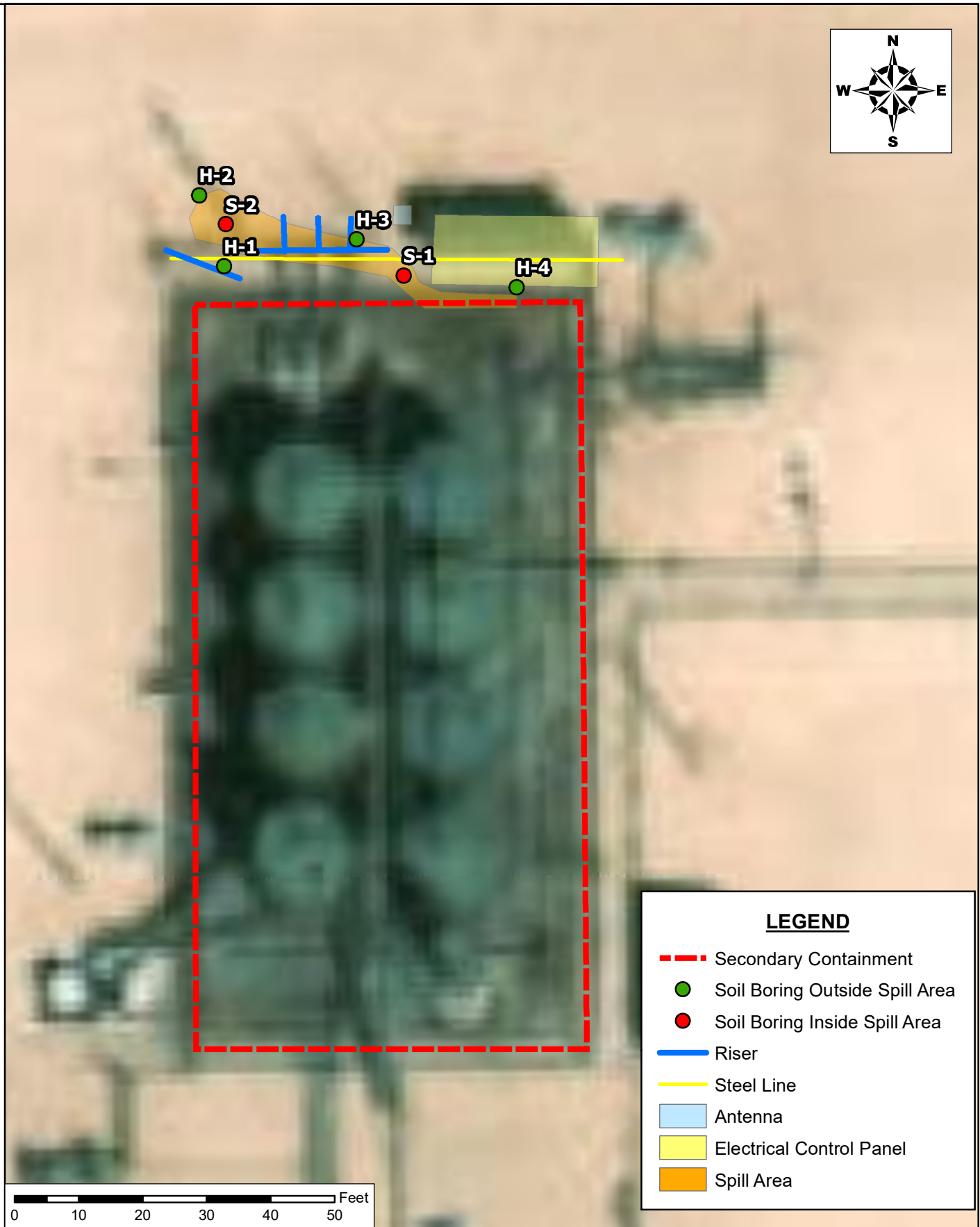
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FIGURE 2

SHEET NUMBER:

1 of 1

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ASSESSMENT MAP
DEVON ENERGY PRODUCTION COMPANY
 SPUD MUFFIN 31 CTB #1
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/5/2023

PROJECT #: 225306



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\IRSC\Old Projects\225306 - Spud Muffin 31 CTB #1\12.22.21\7- Figures\GIS\Figure_4_SecundaryContainmentMap_DH.mxd



**SECONDARY CONTAINMENT MAP
DEVON ENERGY
SPUD MUFFIN 31 CTB #1
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 1/6/2023 PROJECT #: 225306



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

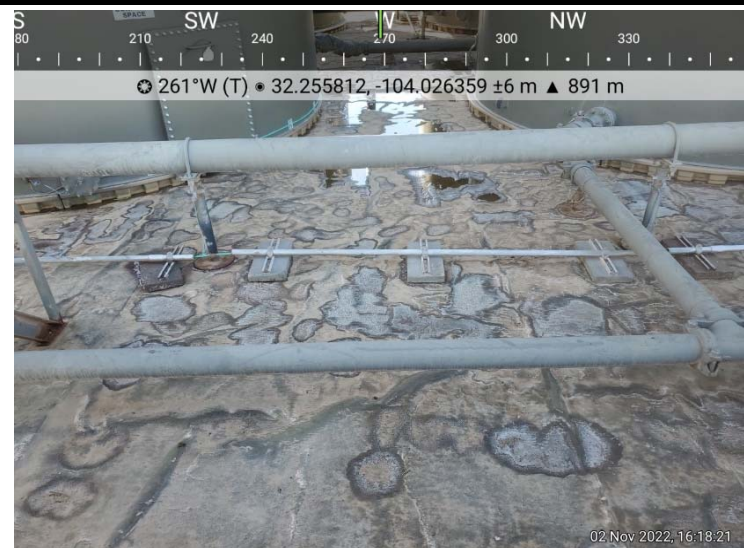
Description:
View of Liner

**Photograph No. 2**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner

**Photograph No. 3**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner



PHOTOGRAPHIC LOG

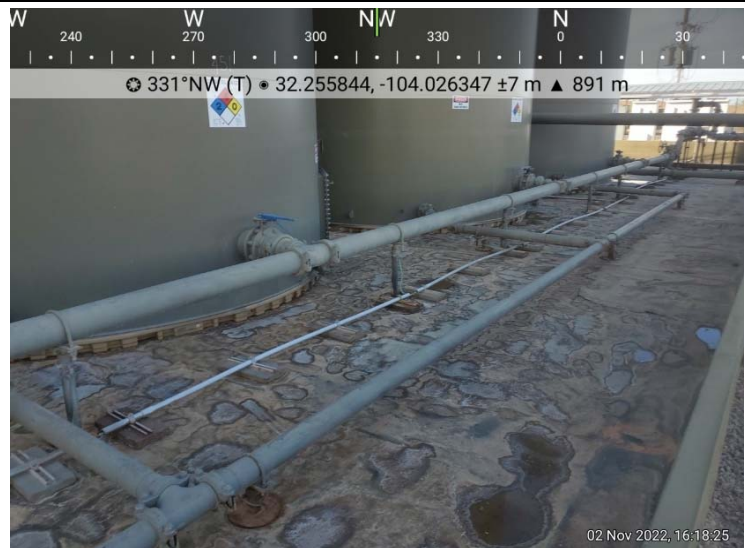
Devon Energy Production Company

Photograph No. 4

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner



Photograph No. 5

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner

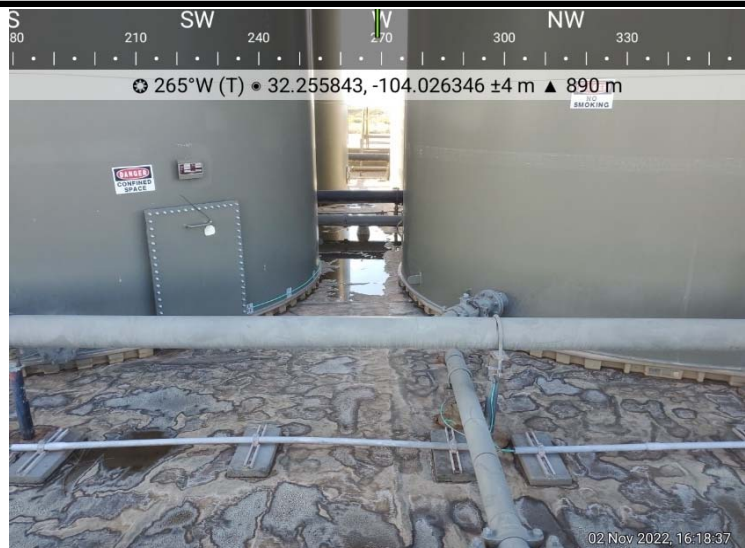


Photograph No. 6

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner



PHOTOGRAPHIC LOG

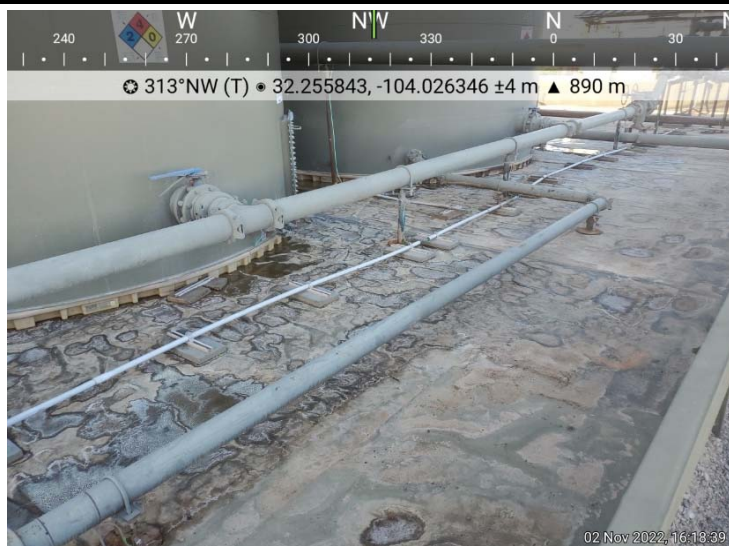
Devon Energy Production Company

Photograph No. 7

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

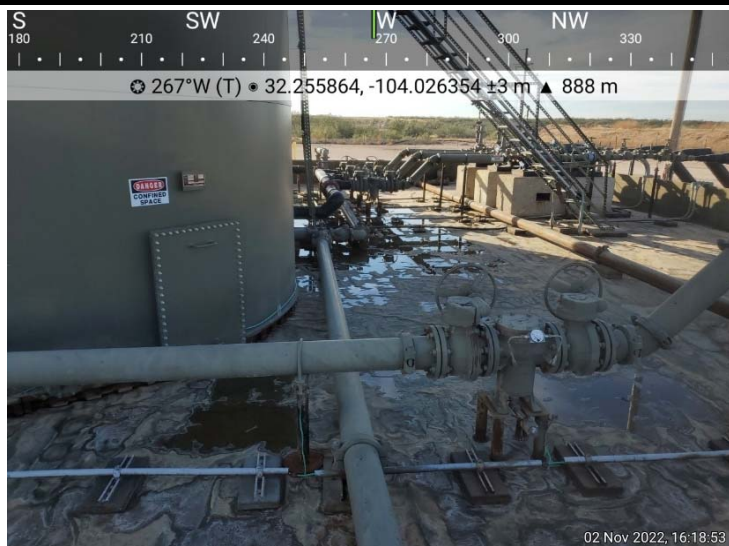
Description:
View of Liner

**Photograph No. 8**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

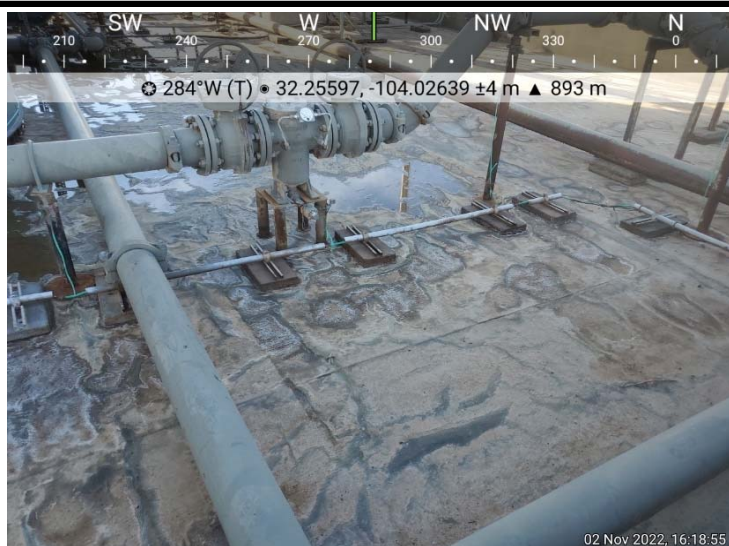
Description:
View of Liner

**Photograph No. 9**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of Liner



PHOTOGRAPHIC LOG

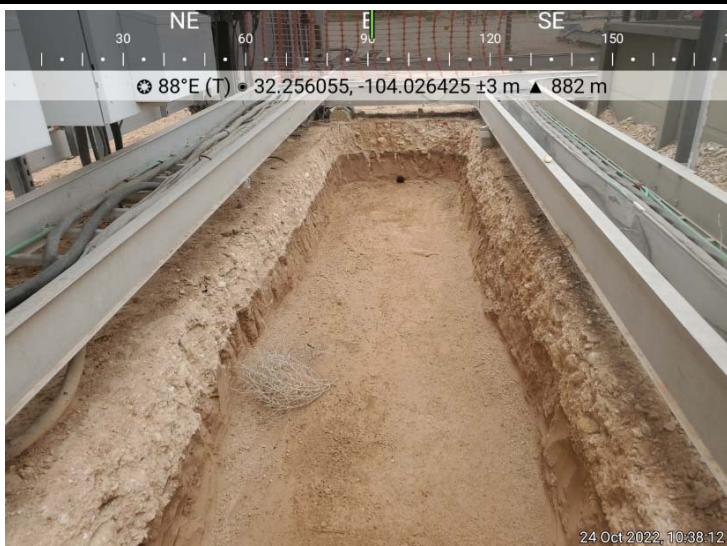
Devon Energy Production Company

Photograph No. 10

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of excavation.

**Photograph No. 11**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

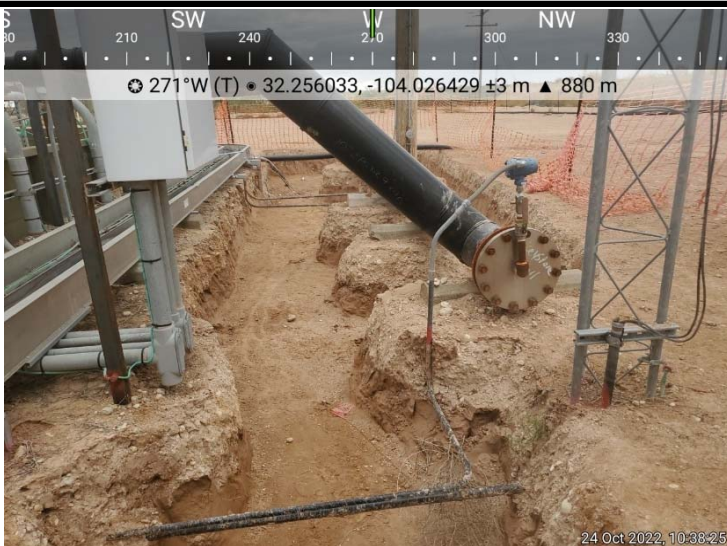
Description:
View of excavation.

**Photograph No. 12**

Facility: Spud Muffin 31 CTB 1

County: Eddy County, New Mexico

Description:
View of excavated area adjacent to release area, this area is clean via initial assessment data.



NMOCD 48-HOUR ADVANCE NOTIFICATION

Ethan Sessums

From: Tyler Kimball
Sent: Wednesday, December 14, 2022 9:36 AM
To: Ethan Sessums
Subject: Fwd: Liner Inspection Notification

Sent from my Verizon, Samsung Galaxy smartphone
 Get [Outlook for Android](#)

From: Tyler Kimball
Sent: Tuesday, November 1, 2022 8:58:12 AM
To: Kellan Smith <KSmith@ntglobal.com>
Subject: FW: Liner Inspection Notification

From: Tyler Kimball
Sent: Friday, October 28, 2022 1:04 PM
To: ocd.enviro@state.nm.us
Cc: Ethan Sessums <ESessums@ntglobal.com>
Subject: Liner Inspection Notification

We will be conducting liner inspection activities on behalf of DEVON at the below referenced times.
 Wednesday, November 2nd

10:00A.M.

nAPP2222151153	ARCTURUS 18 FED 3H BATTERY	8/9/2022	21060237
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11:30A.M.

nAPP2221328160	Grumpy Cat 15 CTB 2	7/30/2022	21057543
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1:30P.M.

NAPP2220942751	BLONDIE 15 CTB 3	7/27/2022	21057025
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2:30P.M.

nAPP2225529718	Cotton Draw Unit 7 DL CTB	9/11/2022	21076317
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4:00P.M.

nAPP2225931874	Spud Muffin 31 CTB 1	9/15/2022	21074745
----------------	----------------------	-----------	----------

Ethan Sessums

From: Jordan Tyner
Sent: Wednesday, October 19, 2022 2:52 PM
To: New Mexico OCD
Cc: Ethan Sessums
Subject: Sampling Event

We will be conducting a sampling event on behalf of Devon on October 24, 2022 around 10am

nAPP2135745913	SPUD MUFFIN 31 CTB 1	12/22/2021
----------------	----------------------	------------

Jordan Tyner
Project Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (903) 309-8358 W: (432) 813-0263
Email: jtyner@ntglobal.com
<http://www.ntgenvironmental.com/>



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

March 09, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SPUD MUFFIN 31 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/04/22 12:15.

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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 (0-1') (H220866-01)

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	03/08/2022	ND	2.02	101	2.00	0.716		
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264		
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329		
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336		
Total BTEX	<0.300	0.300	03/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	03/08/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.7 % 59.5-142

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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 (1-1.5') (H220866-02)

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	03/08/2022	ND	2.02	101	2.00	0.716		
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264		
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329		
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336		
Total BTEx	<0.300	0.300	03/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	03/08/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.4 % 59.5-142

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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 (2-2.5') (H220866-03)

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	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEx	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/08/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 2 (0-1') (H220866-04)

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	03/08/2022	ND	2.02	101	2.00	0.716		
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264		
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329		
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336		
Total BTEx	<0.300	0.300	03/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/08/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 75.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: H - 1 (H220866-05)

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	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEx	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/08/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.4 % 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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: H - 2 (H220866-06)

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	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEx	<0.300	0.300	03/08/2022	ND					

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

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	03/08/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: H - 3 (H220866-07)

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	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/08/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 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: 03/04/2022
 Reported: 03/09/2022
 Project Name: SPUD MUFFIN 31 CTB
 Project Number: 225306 (12.22.21)
 Project Location: DEVON - EDDY CO NM

Sampling Date: 03/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: H - 4 (H220866-08)

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	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEx	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/08/2022	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	03/09/2022	ND	229	114	200	4.14	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	221	110	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H122866Page 1 of 1

Page 11 of 11

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: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <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:	Spud Muffin 31 CTB 1 (12.22.21)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	225306	Due Date:	TAT starts the day received by the lab, if received by 4:30pm												None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co. NM														Cool: Cool	MeOH: Me	
Sampler's Name:	Ethan Sessums														HCL: HC	HNO ₃ : HN	
PO #	20994464	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#113											H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-1.3	Temperature Reading:	-1.4											NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	-10.9											Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:												Zn Acetate+NaOH: Zn					
												NaOH+Ascorbic Acid: SAPC					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
S-1 (O-1')	3/14/22		X		Comp	1	BTEX 8021B											
S-1 (1-1.5')			X			1	TPH 8015M (GRO + DRO + MRO)											
S-1 (2-2.5')			X			1	Chloride 4500											
S-2 (0-1')			X			1												
H-1			X			1												
H-2			X			1												
H-3			X			1												
H-4			X			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
<i>[Signature]</i>	<i>[Signature]</i>	3/14/22 12:52			



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October 26, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SPUD MUFFIN

Enclosed are the results of analyses for samples received by the laboratory on 10/24/22 12:30.

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". 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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (H224983-01)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

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	10/25/2022	ND	416	104	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	10/25/2022	ND	204	102	200	0.189	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	190	94.8	200	0.585	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 126 % 45.3-161

Surrogate: 1-Chlorooctadecane 139 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (H224983-02)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

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	10/25/2022	ND	416	104	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	10/25/2022	ND	204	102	200	0.189	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	190	94.8	200	0.585	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H224983-03)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/25/2022	ND	416	104	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	10/24/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (H224983-04)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/25/2022	ND	416	104	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	10/24/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (H224983-05)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

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	10/25/2022	ND	416	104	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	10/24/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (H224983-06)

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	10/25/2022	ND	1.98	99.1	2.00	3.22		
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/25/2022	ND	416	104	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	10/24/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (H224983-07)

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	10/25/2022	ND	1.98	99.1	2.00	3.22	
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14	
Total BTEx	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

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	10/25/2022	ND	416	104	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	10/24/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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: 10/24/2022
 Reported: 10/26/2022
 Project Name: SPUD MUFFIN
 Project Number: NONE GIVEN
 Project Location: EDDY CO NM

Sampling Date: 10/24/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (H224983-08)

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	10/25/2022	ND	1.98	99.1	2.00	3.22		
Toluene*	<0.050	0.050	10/25/2022	ND	2.15	108	2.00	1.33		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	1.29		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.18	103	6.00	2.14		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

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	10/25/2022	ND	416	104	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	10/25/2022	ND	204	102	200	1.22	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	207	104	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Released to Imaging: 4/12/2023 2:39:06 PM

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 174563

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 174563
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2135745913 SPUD MUFFIN 31 CTB 1, thank you. This closure is approved.	4/12/2023