DEFERRAL REQUEST

DEVON ENERGY COMPANY

Created for submission to New Mexico Oil Conservation Division on 03/08/2022

ASHLEY GIOVENGO
Environmental Manager - Permian

ENERGIZING AMERICA

March 08, 2022

Bradford Billings, Robert Hamlet, Jennifer Nobui, Nelson Velez and/or Chad Hensley
State of New Mexico
Energy, Minerals, and Natural Resources
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210

RE: DEFERRAL REQUEST

COMPANY	Devon Energy
LOCATION	North Brushy Draw Federal 35 #002H
API	30-015-40006
PLSS	Unit A Sec 35 T25S R29E
GPS	32.0926247, -103.9486084
INCIDENT ID	nAPP2134850486

BACKGROUND

Wescom, Inc., hereafter referred to as Wescom, has prepared this Deferral Request on behalf of Devon Energy Company, hereafter referred to as Devon, regarding the release at the North Brushy Draw Federal 35 #002H (Site) located in Unit A, Section 35, Township 25 South and Range 29 East in Eddy County, New Mexico. The GPS coordinates are as follows: North 32.0926247 and West -103.9486084. Surface owner of the Site is Bureau of Land Management. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 2 Artesia.

On December 11, 2021, a water line from that runs from the produced water tanks to the transfer pump developed a leak which caused the release of approximately 20 barrels (bbls) to lined secondary containment. A total of 20 bbls of produced water was recovered from the containment. On January 16, 2022, Wescom inspected the lined secondary containment, and found eleven potential points of release. Wescom personnel returned to the Site on January 28, January 31, and March 04, 2022 to conduct delineation sampling.

SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is greater than 105 feet below ground surface (bgs) and is 0.89 miles Southwest of the Site.

Additional wells in the area support the data in the nearest water measurement. No playas or lakes are located within a one-mile radius of this Site (Attachment C).

KARST POTENTIAL

According to data from the Bureau of Land Management, this Site is located within low karst potential as shown in Attachment D. There are no indicators of karst around the Site surface.

TARGET REMEDIAL LEVELS

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. The applicable Recommended Remediation Action Levels (RRALs) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and xylene (BTEX) and 100 ppm Total Petroleum Hydrocarbons (TPH). Characterization of the vertical and horizontal extent of chloride concentration in the soil to a level of 600 mg/kg (ppm) is also required.

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
North Brushy Draw Federal 35 #002H — 32.092625, -103.948608						
Depth to Groundwater		**Closure Criteria (unites in mg/kg)**				
		Chloride * numberical limit or background, whichever is greater	TPH	GRO+DRO	BTEX	Benzene
Based on high karst potential		600	100		50	10
less than 50 ft bgs		**600**	**100**		**50**	**10**
51 ft to 100 ft bgs		10000	2500	1000	50	10
greater than 100 ft bgs	**>105**	20000	2500	1000	50	10
Surface Water	**Yes or No**	**If yes, then**				
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
Within area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100-year floodplan?	Yes	**600**	**100**		**50**	**10**

Table: Closure Criteria Statistics

SITE ASSESSMENT AND DELINEATION

Wescom personnel conducted a liner inspection on January 16, 2022, and eleven potential release points were identified within containment; three holes were found in the Southeast corner, two holes were found to the West of the produced water tank, one hole was found to the West of the stairs on the East side of the containment, one hole was found to the East of the separator, the liner had rotted and separated in the Northwest corner, one hole was found on the West side of the separator and one hole was found on the South side of the separator. Photo documentation of potential liner compromise are shown in Attachment B. The results of the inspection determined that delineation activities would be required.

Wescom personnel conducted horizontal and vertical delineation sampling on January 28, January 31, and March 04, 2022. All sample laboratory data analysis results are presented in Table 1 and samples locations are shown on Figure 1. Samples collected from outside the containment wall were all below the applicable RRAL for the Site. Sample CONF05 was collected from the three holes in the Southeast corner and sample CONF06 was collected from the two holes on the West side of the produced water tank. Sample CONF07 was collected from the West side of the stairs on the East side of containment. Sample CONF08 was collected from the hole on the East side of the separator. Sample CONF09 was collected from the separated liner on the Northwest corner of the containment and sample CONF10 was collected on the West side of the separator. The CONF11 sample was collected from the hole on the South side of the separator.

Laboratory analysis results for samples CONF06, CONF08, CONF10 and CONF 11 were below the Site RRALs at two-feet bgs, CONF05 results were below RRALs at five-feet bgs. Results for CONF09 were below the RRALs for the Site at three-foot bgs. Laboratory analysis results for CONF07 exceeded the RRALs for the Site at six feet bgs which required additional delineation sampling. Results for CONF07 were below the RRAL for the Site at ten-foot bgs. Liner holes were patched by Rose Gold Oil Field Services immediately following sampling as was the separated liner in the Northwest corner of the containment.

A background sampled BG01, was collected 50 ft to the South of the Site. Confirmation composite samples were obtained from the Site on January 28, 31, and on March 04, 2022. All soil samples were properly packaged, preserved, and transported to Envirotech Inc. by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH—Method 8015M/D, BTEX—Method 8021B, and Chlorides—Method 300.0.

The required 48-hour liner inspection and confirmation sampling notifications were sent on January 10, January 26, January 31, and March 02, 2022, to Victoria Venegas, Robert Hamlet, Bradford Billings, Jennifer Nobui, Chad Hensley, and Mike Bratcher with the NMOCD in Santa Fe, New Mexico (see Attachments F and G).

REQUEST FOR DEFERRAL

On behalf of Devon, Wescom requests the deferral of approximately 600 cubic yards of contaminated soil until the North Brushy Draw Federal 35 #002H well is plugged and abandoned and reclamation activities commence based on the logic below. Area requested for deferral is shown in Figure 1.

- All confirmation areas meet the RRALs, except CONF05, CONF06, CONF07, CONF08, CONF09, CONF10 and CONF11 (see Table 1 and Figure 1) which are located within the area of requested deferral.
- Due to the location of the contaminated soil, it is not practical to remove for remediation. Production equipment inside the containment is currently active and would require shutting in the well for an extended period in order to remove substrate beneath the containment.
- The existing containment is intact as gaps in the liner have been patched by Rose Gold Oil Field Services. The liner will act as a barrier for potential releases inside the secondary containment.

If you have any questions or comments, please do not hesitate to call Mrs. Ashley Giovengo at (505) 382-1211.

Sincerely,

Wescom, Inc.

Ashley Giovengo
Environmental Manager-Permian

cc: Jim Raley, Devon Energy

Bradford Billings, NMOCD

Robert Hamlet, NMOCD

Chad Hensley, NMOCD

Jennifer Nobui, NMOCD

Nelson Velez, NMOCD

REFERENCE MATERIALS

FIGURES

TABLES

ATTACHMENTS

FIGURE 1

Confirmation Samples

Sample Analysis Results				
Sample ID	Depth	BTEX	TPH	Cl
BG01	1	ND	ND	ND
CONF01C	0	ND	30.2	382
CONF02	0	ND	ND	363
CONF03E	0	ND	ND	489
CONF04B	0	ND	ND	20.3
CONF05	5	ND	ND	402
CONF06	2	ND	36.2	75.6
CONF07	10	ND	ND	330
CONF08	2	ND	ND	30.9
CONF09	3	ND	ND	248
CONF10	2	ND	ND	195
CONF11	2	ND	ND	107

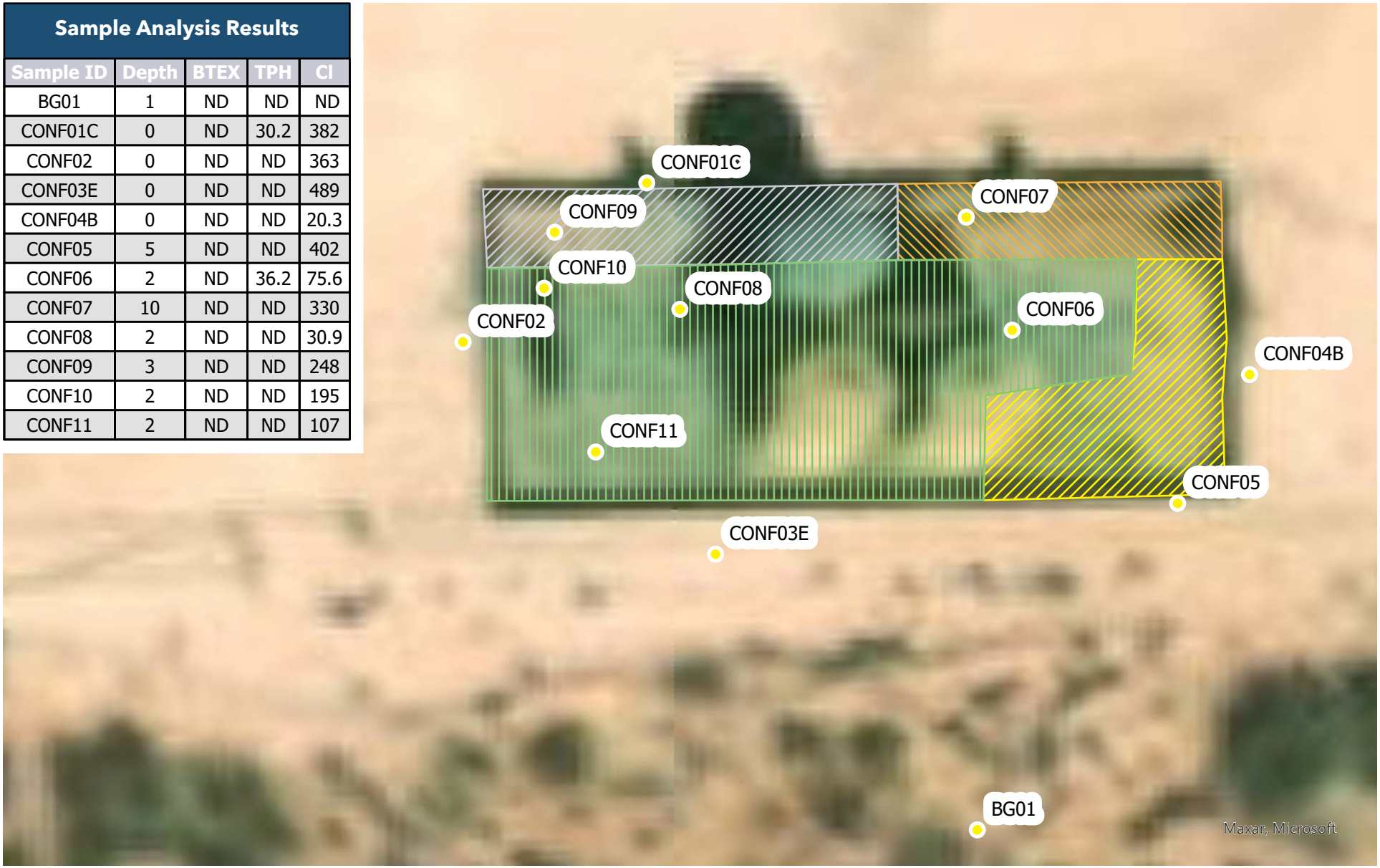

FIGURE 1. CONFIRMATION SAMPLING

North Brushy Draw Federal 35 #012H
Incident ID: nAPP2134850486
API: 30-015-40006
GPS Coordinates: 32.0926247, -103.9486084
Eddy County, New Mexico
Devon Energy

WESCOM

TABLE 1

Laboratory Analysis Results: Confirmation Samples

North Brushy Draw Federal 35 #002H | nAPP2134850486

Devon Energy | 03.08.2022

Table 1. Confirmation Laboratory Analysis Results

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (ft.)	Date	Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	Chloride (mk/kg)
Closure Criteria			**10**	**50**	**100**	**600**
BG01	0	1/31/2022	ND	ND	ND	ND
BG01	1	1/31/2022	ND	ND	ND	ND
CONF01C	0	1/31/2022	ND	ND	30.2	382
CONF02	0	1/28/2022	ND	ND	ND	363
CONF03E	0	1/31/2022	ND	ND	ND	489
CONF04B	0	1/31/2022	ND	ND	ND	20.3
CONF05	5	1/28/2022	ND	ND	ND	402
CONF06	2	1/28/2022	ND	ND	36.2	75.6
CONF07	6	1/28/2022	ND	ND	ND	**1020**
CONF07	10	3/4/2022	ND	ND	ND	330
CONF08	2	1/28/2022	ND	ND	ND	30.9
CONF09	3	1/28/2022	ND	ND	ND	248
CONF09	4	1/28/2022	ND	ND	ND	184
CONF10	2	1/28/2022	ND	ND	ND	195
CONF11	2	1/28/2022	ND	ND	ND	107

ABBREVIATIONS

BTEX — Benzene, Toluene, Ethylene, Xylene
DRO — Diesel Range Organics
ft. — Feet
TPH — Total Petroleum Hydrocarbons
GRO — Gasoline Range Organics
ND — Non-detect
mg/kg — Milligrams per Kilogram

Notes

Bold Red - Results are above closure criteria
Gray Highlight - Background Samples

ATTACHMENT A

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	nAPP2134850486
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: WPX Energy Permian, LLC	OGRID: 246289
Contact Name: Jim Raley	Contact Telephone: 575-689-7597
Contact email: jim.raley@dvn.com	Incident # *(assigned by OCD)* nAPP2134850486
Contact mailing address: 5315 Buena Vista Dr., Carlsbad NM 88220	

Location of Release Source

Latitude 32.0926247 Longitude -103.9486084

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: NORTH BRUSHY DRAW FEDERAL 35 #002H	Site Type: Oil Production Site
Date Release Discovered: December 11th, 2021	API# *(if applicable) 30-015-40006*

Unit Letter	Section	Township	Range	County
A	35	25S	29E	Eddy

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)

☐ Crude Oil	Volume Released (bbls) 0	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 20	Volume Recovered (bbls) 20
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Water line from tanks to transfer pump developed leak, allowing for release of approx. 20 bbls to lined secondary containment. Fluids recovered with Vac Truck.

Spill Volume = Recovered Volume

State of New Mexico
Oil Conservation Division

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Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ 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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: ____James Raley_____ Title: Environmental Specialist _____

Signature: _____ _____ Date: ___12/14/2021_____

email: ___jim.raley@dvn.com_____ Telephone: ___575-689-7597_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2134850486
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Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>105 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☒ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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

Incident ID	nAPP2134850486
District RP	
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: Jim Raley

Title: Environmental Specialist

Signature: Jim Raley

Date: 3/10/2022

email: jim.raley@dvn.com

Telephone: 575-689-7597

OCD Only

Received by: _____

Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2134850486
District RP	
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: Jim Raley
Title: Environmental Specialist

Signature: Jim Raley
Date: 3/10/2022

email: jim.raley@dvn.com
Telephone: 575-689-7597

OCD Only

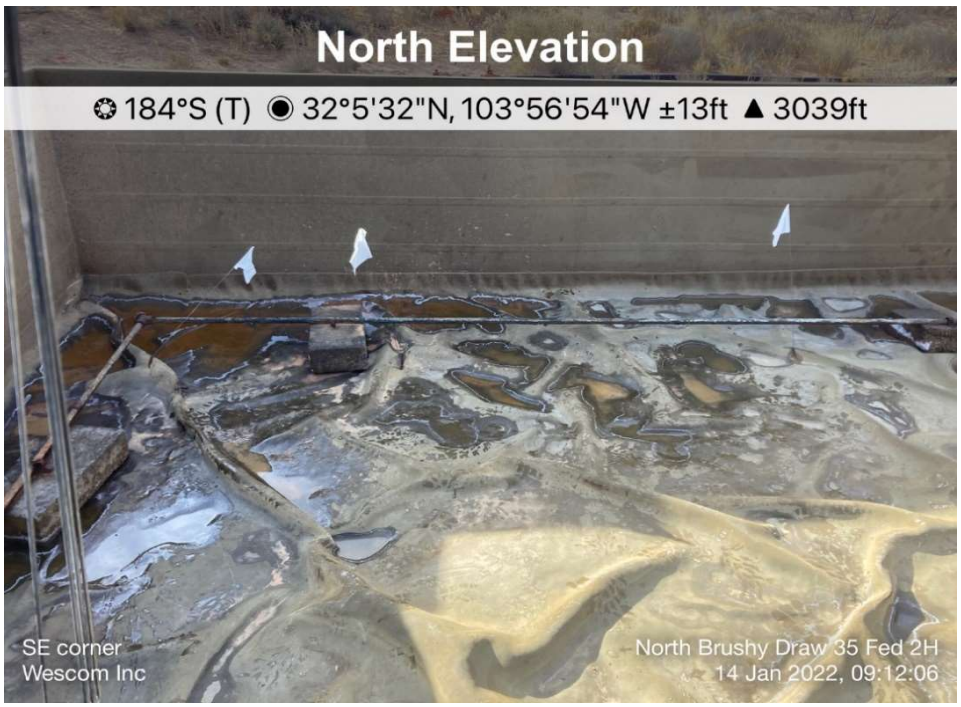
Received by: _____ Date: _____

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

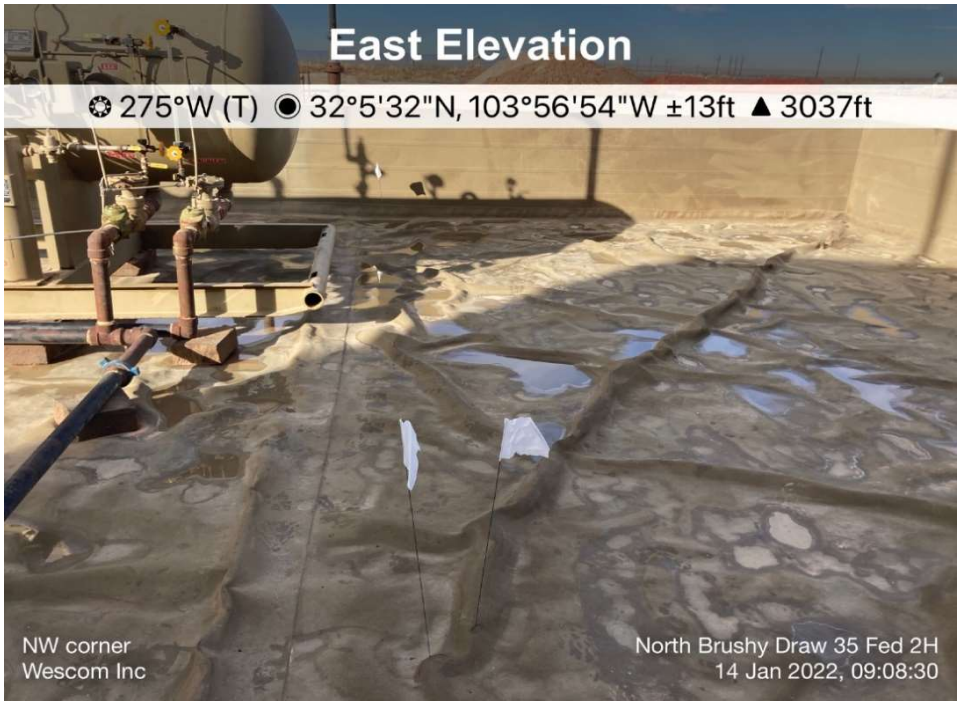
Signature: Jennifer Nobui
Date: 03/22/2022

ATTACHMENT B

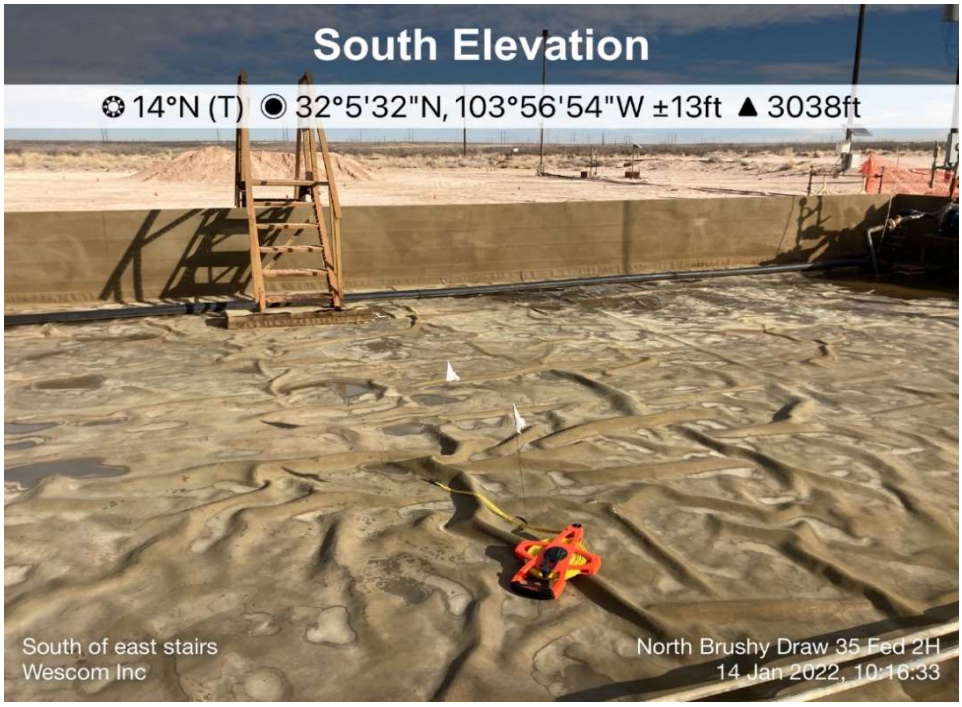
Site Photos



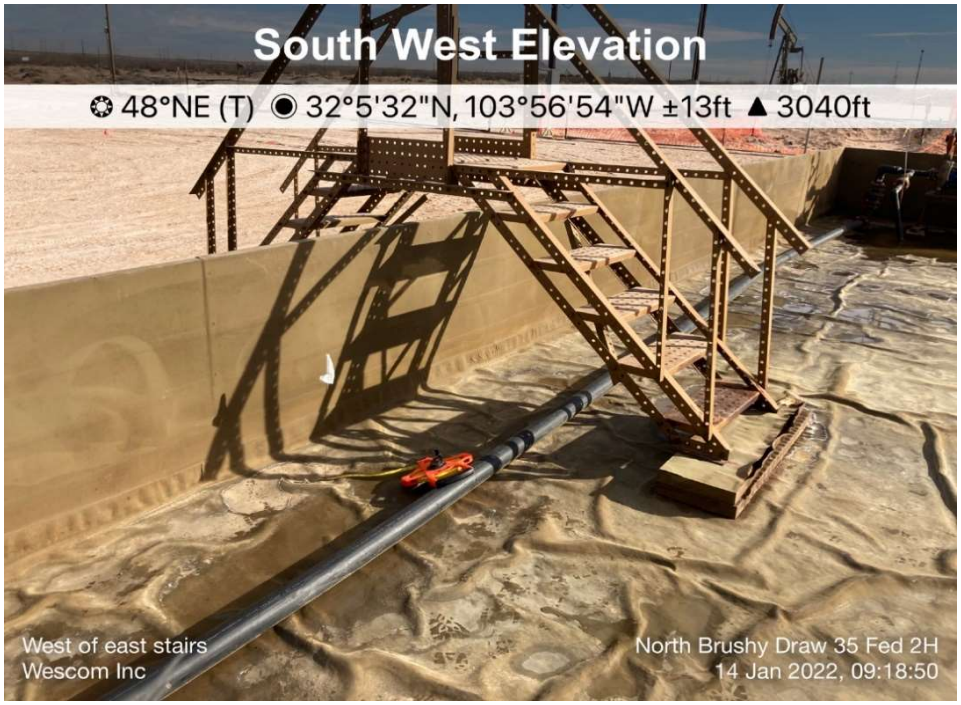
3 Holes in Liner - Southeast Corner



3 Holes in Liner - Nothwest Corner



2 Holes in Liner - Northeast Corner

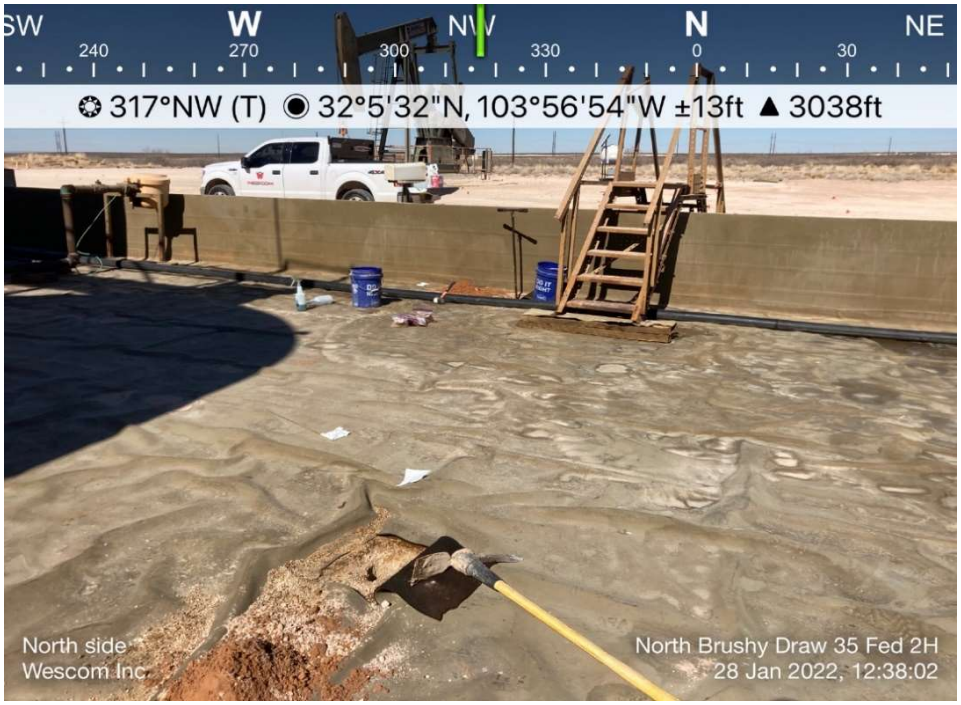


1 Hole in Liner - Northeast Corner

1 Hole in Liner - South of Separator

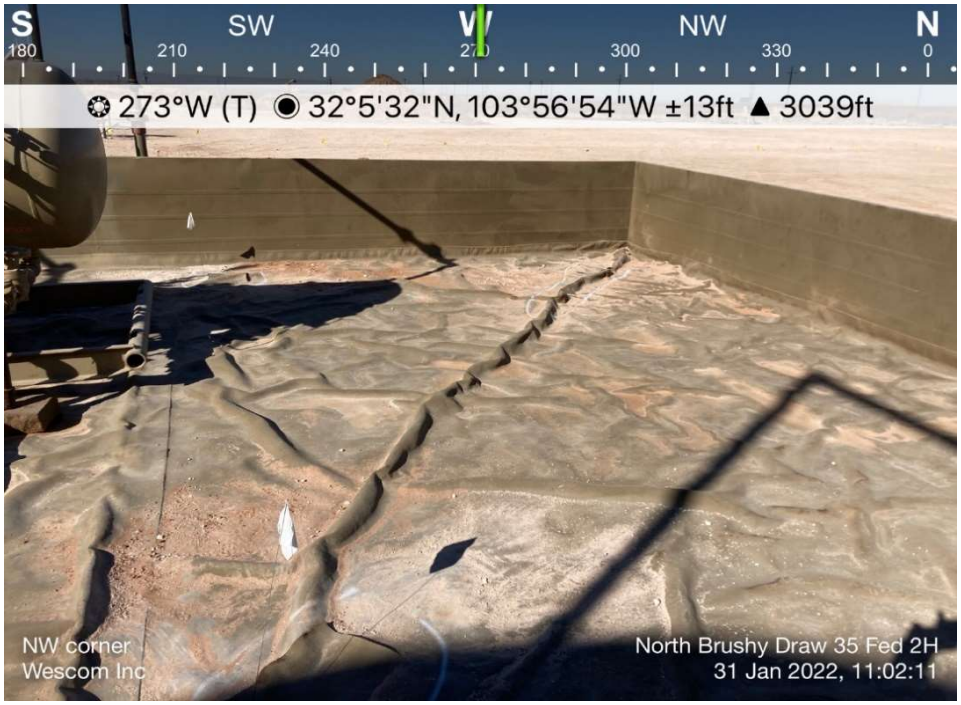
Liner Rotting in Northwest Corner

Southeast Corner - Delineation (CONF05)



Northeast Stairs - Delineation (CONF06 and CONF07)

South of Separator - Delineation (CONF11)

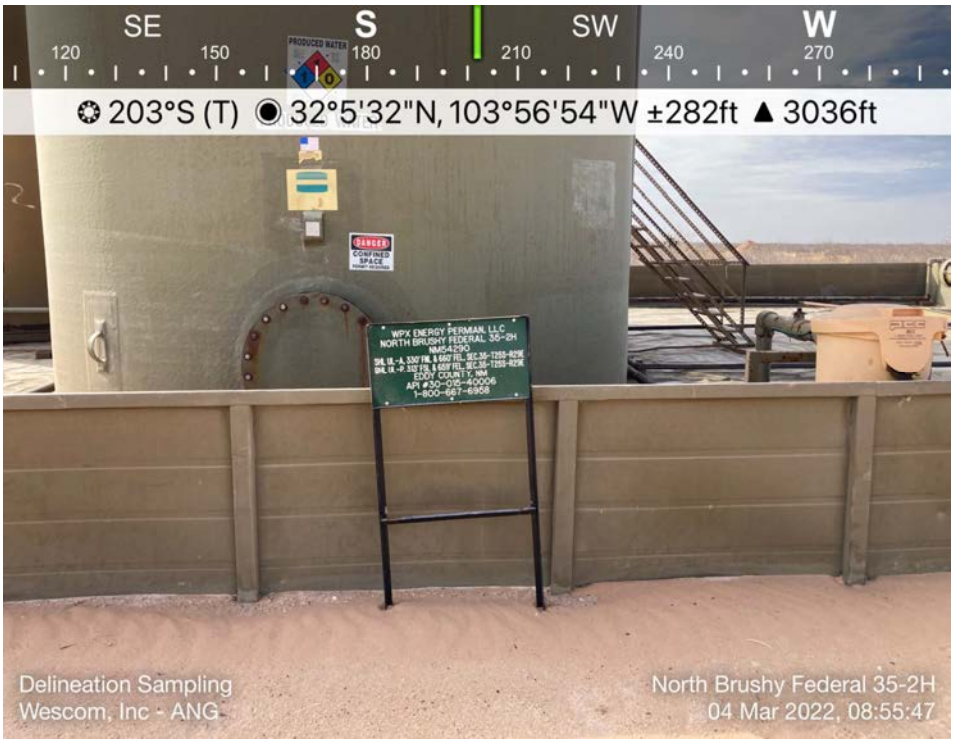


Northwest Corner - Delineation (CONF08, CONF09 and CONF10)

Delineation Sampling (Outside Containment)

Liner Repair

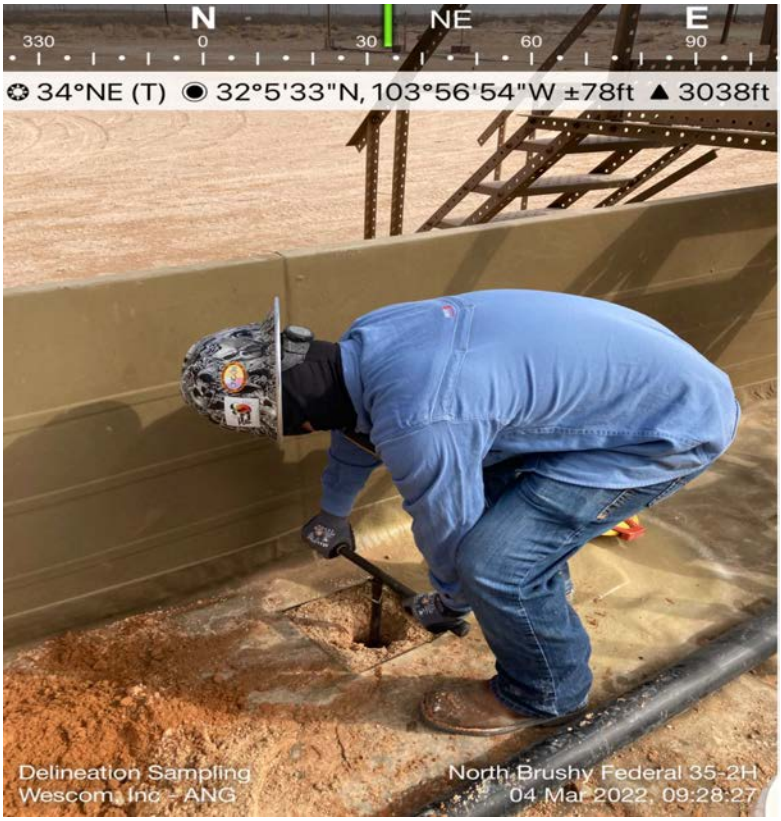
Liner Repair



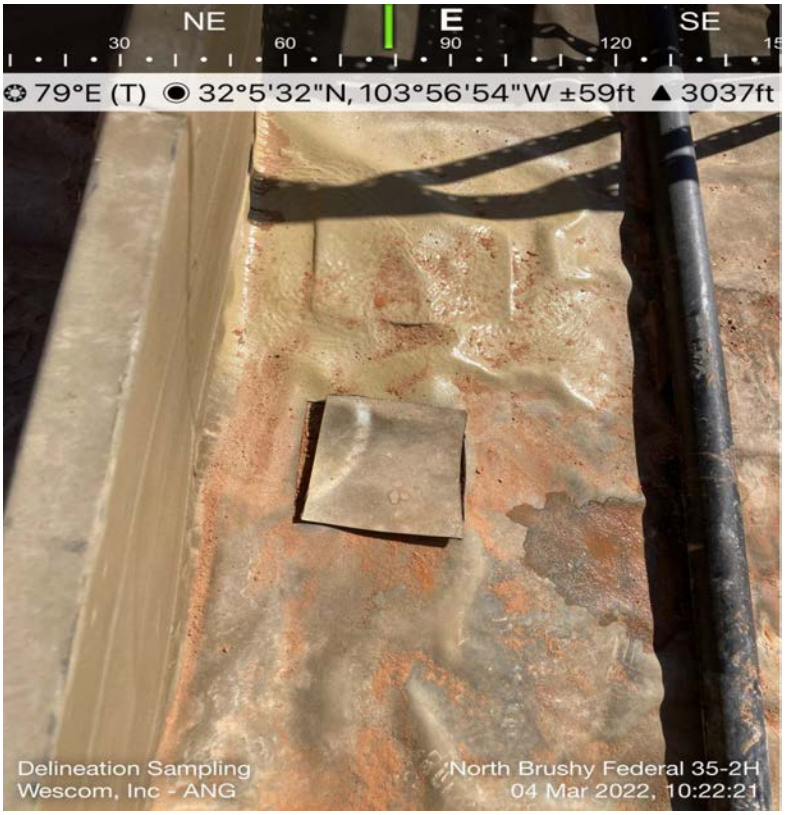
Delineation Sampling (CONF07)

North Brushy Draw 35 Fed 2H
Incident ID: nAPP2134850486

Delineation Sampling (CONF07)



Delineation Sampling (CONF07)



Delineation Sampling (CONF07)

ATTACHMENT C

Closure Criteria Supporting Documents

Site Investigation Report

Date of report:	1/5/2021	
Site Names:	RDX 16-25	Ross Draw Unit #38
	RDX 17 #3	Ross Draw Unit #55
	RDX Fed Com 17-44H	Ross Draw Unit #57
	RDX Fed Com 21-43	N Brushy Fed 35 #010H
County:	Eddy County, New Mexico	
Project No:	0397	

Site Activities

Earth Systems Response and Restoration (ESRR) field activities were conducted December 8th through the 10th in Eddy county, New Mexico. ESRR oversaw the advancement of one soil boring at the eight above-mentioned locations to an approximate depth of 105 feet (ft.) below grade surface utilizing an air-rotary drilling rig operated by a State of New Mexico licensed driller. Additionally, HRL Compliance Solutions (HRL) conducted on-site soil logging activities during the advancement of the soil borings. Please see the detailed lithologic descriptions attached.

Upon completion of the soil borings, a PVC casing fitted with 5 ft. of machine-slotted well screen at the bottom was inserted into each soil boring. The PVC casing was left in place for a minimum of 72 hours prior to being gauged by HRL Consulting on December 12th with a water level meter to determine the presence or absence of groundwater. Subsequent to gauging activities, each soil boring had the PVC casing removed and was then backfilled with its associated native soil cuttings to grade surface.

Conclusions

Groundwater was not detected in any of the eight soil borings as determined by utilizing a water level meter after 72 hours of development. It can be reasonably determined groundwater is deeper than 105 ft. bgs in the vicinity of the advanced soil borings.

Respectfully,

K. Williams

Kris Williams, CHMM, REM
Operations Manager

Attached: Drilling Locations Maps
Soil Boring Logs

HRL COMPLIANCE SOLUTIONS

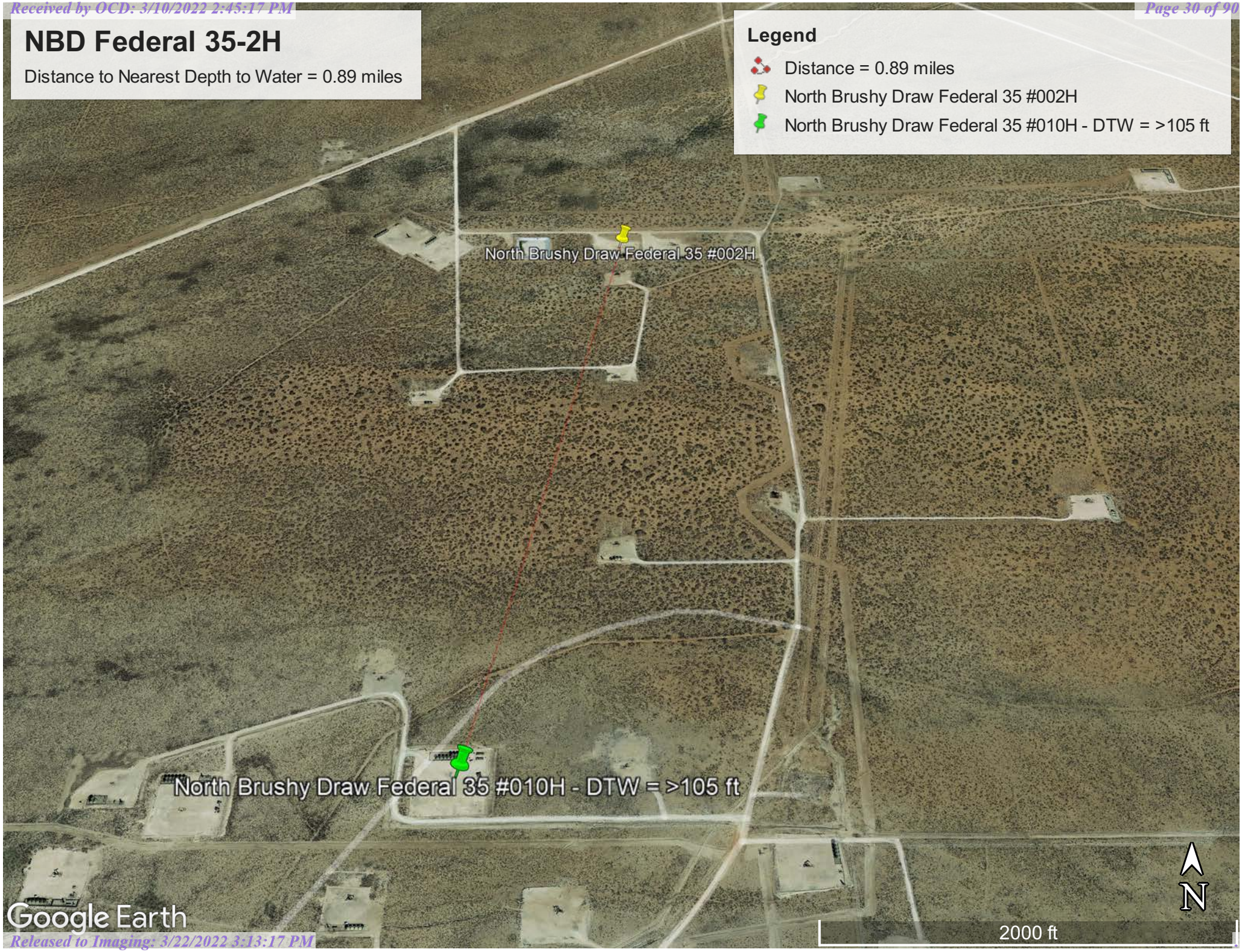
BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: MW-1		Location: North Brushy Federal 35 # 010H	
Date: 12/8/2020		Client: WPX Energy	
Drilling Method: Air Rotary	Sampling Method: None	Logged By: J. Linn, PG	Drilled By: Talon LPE
Gravel Pack Type: 10/20 Sand	Gravel Pack Depth Interval: 3 Bags	Seal Type: None / Seal Depth Interval: None	Latitude: 32.079909
Casing Type: PVC / Diameter: 2-inch / Depth Interval: 0-100 feet bgs		Boring Total Depth (ft. BGS): 105	Longitude: -103.951386
Screen Type: PVC / Slot: 0.010-inch / Diameter: 2-inch / Depth Interval: 100 - 105 ft		Well Total Depth (ft. BGS): 105	Depth to Water (ft. BTOC): > 105 / DTW Date: 12/16/2020

Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	Odor	Staining	PID (ppm)	USCS	Sample ID	Lithology/Remarks	Well Completion
0	NM	L	D	N	N	NM	CE	NS	Buff to pale pink caliche	
5										
10										
15										
20	NM	L	D	N	N	NM	SM	NS	Tan to pale red silty sand	
25										
30										
35										
40										
45										
50										
55	NM	M	M	N	N	NM	ML	NS	Tan to pale red sandy silt with minor medium sand	
60										
65	NM	H	M	N	N	NM	CL	NS	Tan clay with minor gravel	
70	NM	L	D	N	N	NM	SP	NS	Pale red poorly graded fine sand with minor silt	
75										
80										
85	NM	H	D/SLM	N	N	NM	CL	NS	Grey sandy lean clay with minor medium sand and minor angular gravel	
90	NM	M/H	M	N	N	NM	CL	NS	Brown with orange sandy lean clay with minor medium sand and angular gravel - TD Boring: 105'	
95										
100										

NBD Federal 35-2H

Distance to Nearest Depth to Water = 0.89 miles



U.S. Fish and Wildlife Service
National Wetlands Inventory

NBD Federal 35-2H - Riverine 121ft

January 18, 2022

Wetlands

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

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

U.S. Fish and Wildlife Service

National Wetlands Inventory

NBD Federal 35-2H - FW Pond 607ft

January 18, 2022

Wetlands

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

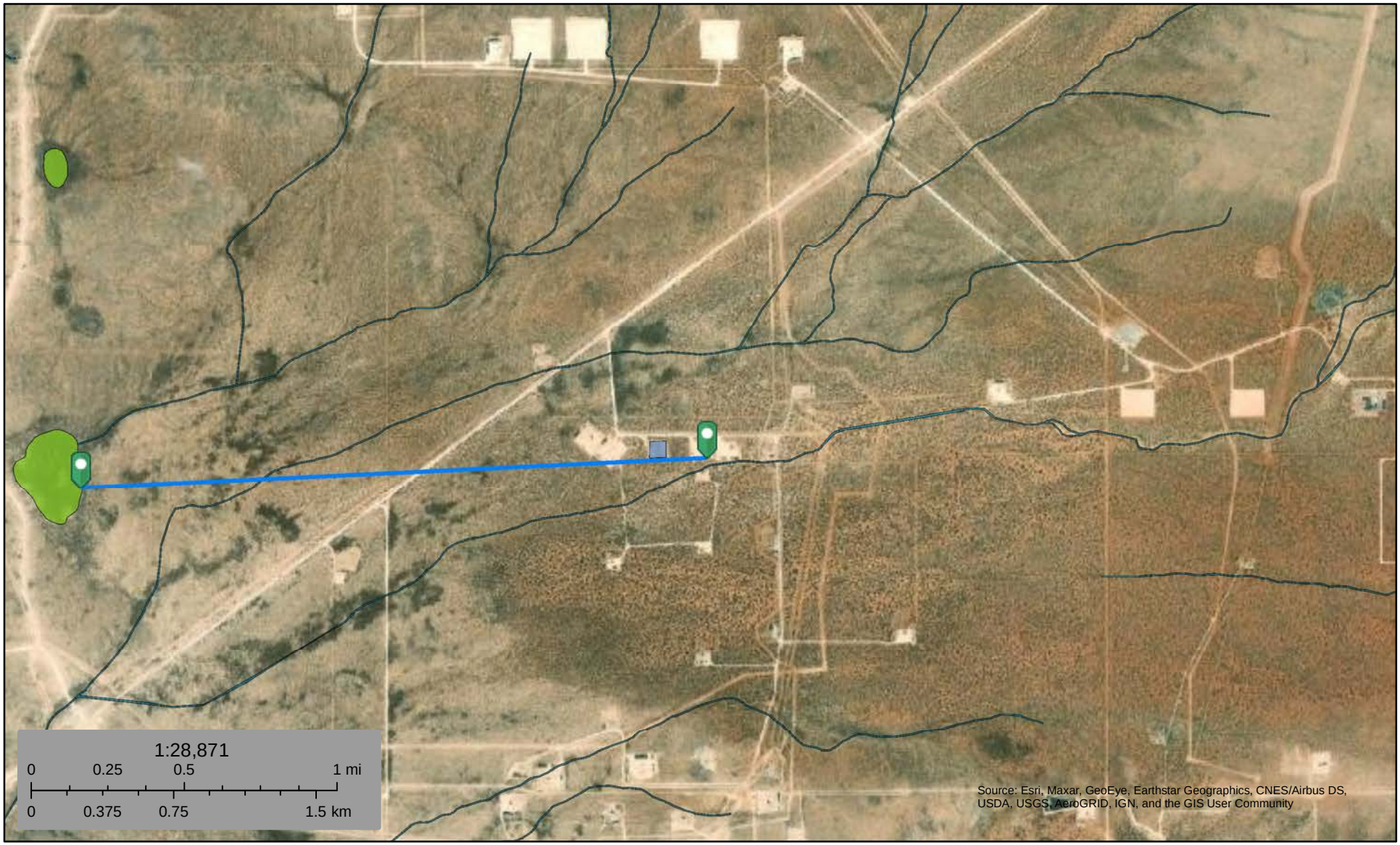
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

U.S. Fish and Wildlife Service

National Wetlands Inventory

NBD Federal 35-2H - Wetland 9,181ft



January 18, 2022

Wetlands

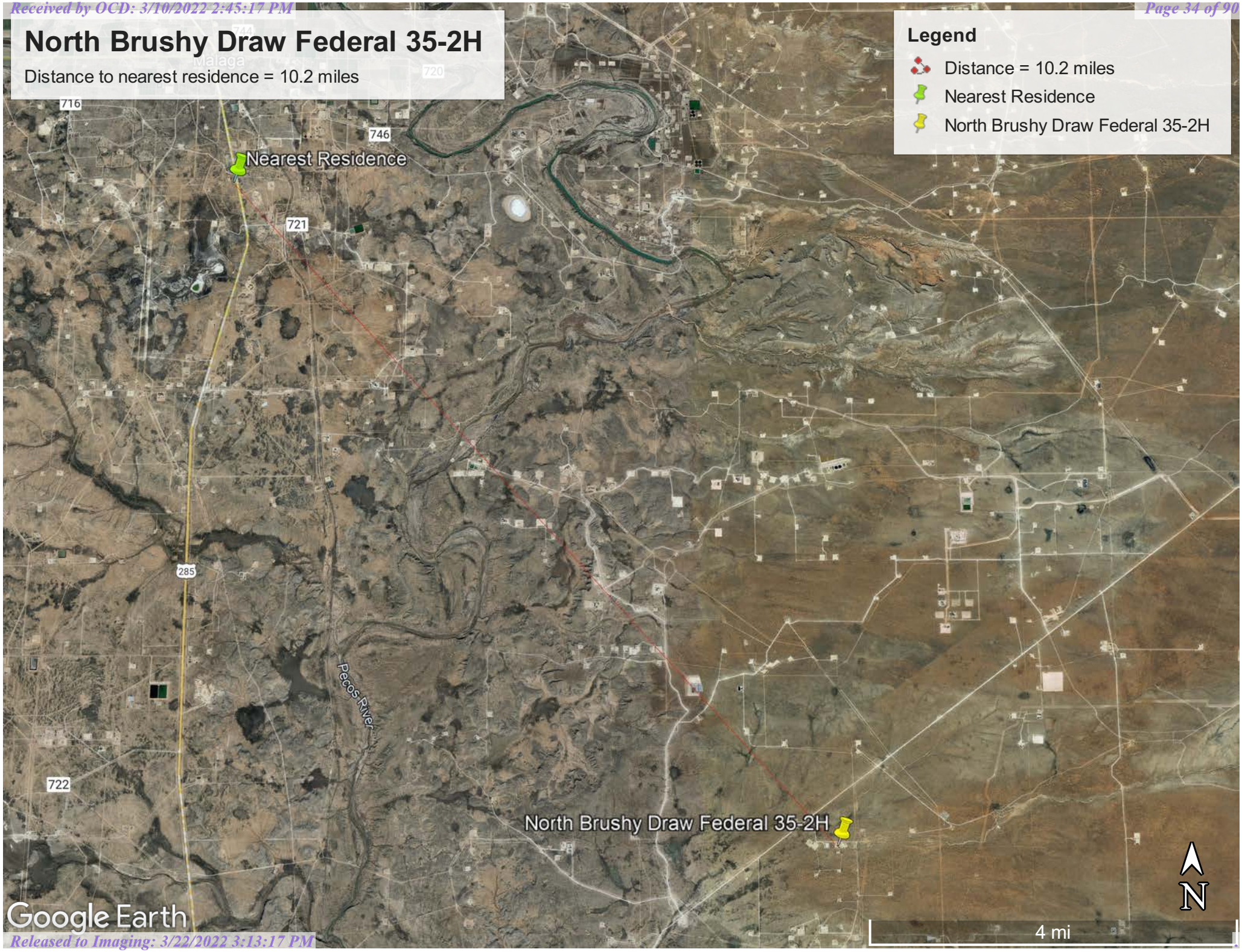
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

North Brushy Draw Federal 35-2H

Distance to nearest residence = 10.2 miles



National Flood Hazard Layer FIRMette

FEMA

103°57'14"W 32°5'49"N

103°56'36"W 32°5'18"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

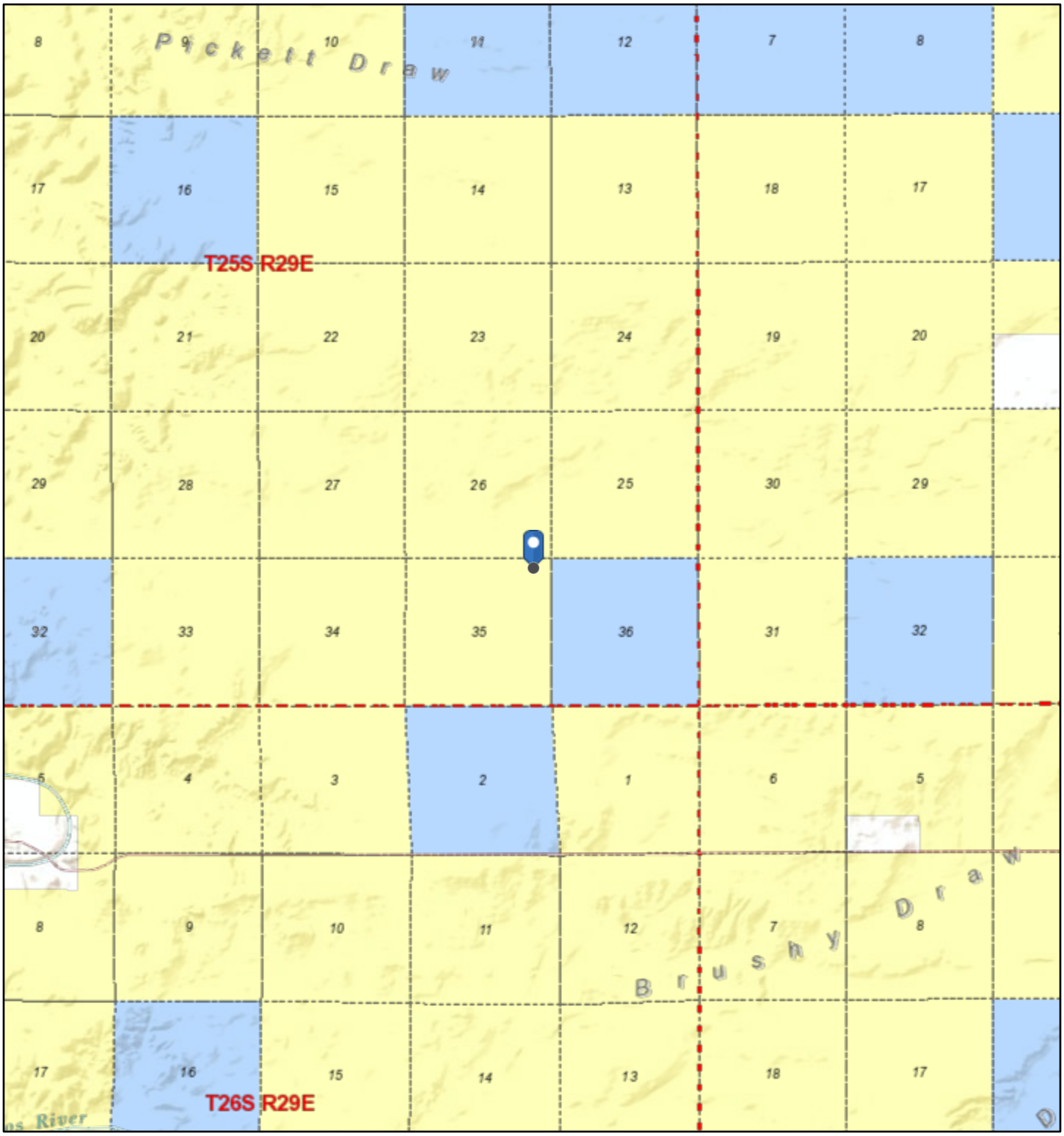
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/18/2022 at 12:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Active Mines Near NBD Federal 35-2H



3/7/2022, 12:59:43 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Township / Range
Sections

Land Ownership
Bureau of Land Management
Bureau of Reclamation
Department of Agriculture
Department of Defense
Department of Energy
National Park Service
Private Land
State Game and Fish
State Land
State Parks
Tribal

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

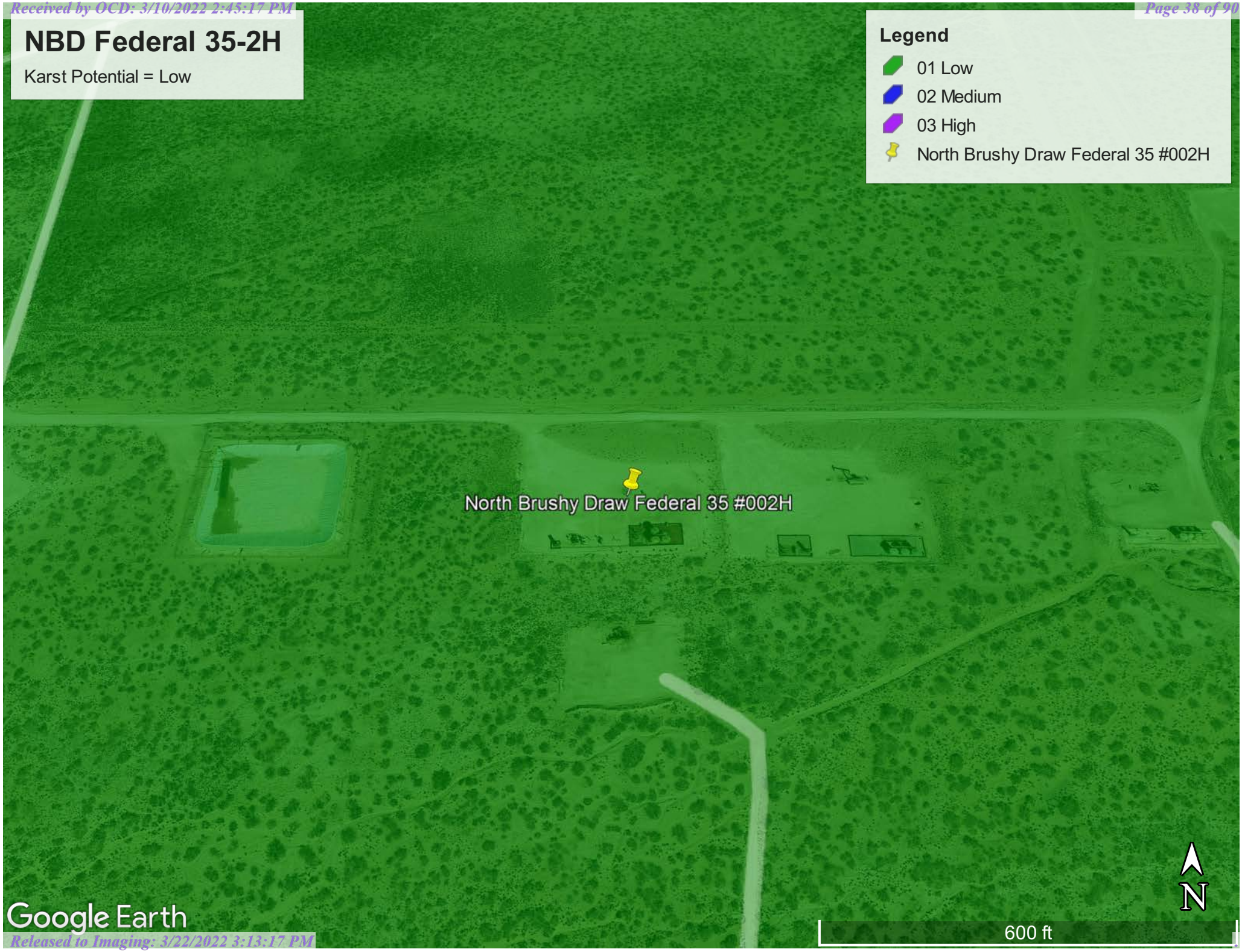
EMNRD MMD GIS Coordinator
NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

ATTACHMENT D

Karst Map

NBD Federal 35-2H

Karst Potential = Low



ATTACHMENT E

Envirotech Inc. Laboratory Analysis Reports

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	North Brushy Draw Fed 35 #002H
Work Order:	E202004
Job Number:	01058-0007
Received:	2/2/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/22

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

Date Reported: 2/8/22

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: North Brushy Draw Fed 35 #002H
Workorder: E202004
Date Received: 2/2/2022 11:34:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/2/2022 11:34:00AM, under the Project Name: North Brushy Draw Fed 35 #002H.

The analytical test results summarized in this report with the Project Name: North Brushy Draw Fed 35 #002H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/08/22 15:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF01C-0'	E202004-01A	Soil	01/31/22	02/02/22	Glass Jar, 4 oz.
CONF02-0'	E202004-02A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF03E-0'	E202004-03A	Soil	01/31/22	02/02/22	Glass Jar, 4 oz.
CONF04B-0'	E202004-04A	Soil	01/31/22	02/02/22	Glass Jar, 4 oz.
CONF05-5'	E202004-05A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF06-2'	E202004-06A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF07-6'	E202004-07A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF08-2'	E202004-08A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF09-3'	E202004-09A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF09-4'	E202004-10A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF10-1'	E202004-11A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
CONF11-2'	E202004-12A	Soil	01/28/22	02/02/22	Glass Jar, 4 oz.
BG01-0'	E202004-13A	Soil	01/31/22	02/02/22	Glass Jar, 4 oz.
BG01-1'	E202004-14A	Soil	01/31/22	02/02/22	Glass Jar, 4 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF01C-0'

E202004-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	**30.2**	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*76.8 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**382**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF02-0'

E202004-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*77.9 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**363**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF03E-0'

E202004-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*76.0 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**489**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF04B-0'

E202004-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*77.4 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**20.3**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF05-5'

E202004-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*89.3 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*79.7 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**402**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF06-2'

E202004-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	**36.2**	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*80.0 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**75.6**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF07-6'

E202004-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*89.2 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**1020**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF08-2'

E202004-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*80.6 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**30.9**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF09-3'

E202004-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**248**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF09-4'

E202004-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/07/22	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*02/07/22*	*02/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**184**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF10-1'

E202004-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/08/22	
Surrogate: n-Nonane		*73.5 %*	*50-200*	*02/07/22*	*02/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**664**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

CONF11-2'

E202004-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/08/22	
Surrogate: n-Nonane		*78.0 %*	*50-200*	*02/07/22*	*02/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	**107**	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

BG01-0'

E202004-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/08/22	
Surrogate: n-Nonane		*80.1 %*	*50-200*	*02/07/22*	*02/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	ND	20.0	1	02/07/22	02/08/22	

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

BG01-1'

E202004-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Benzene	ND	0.0250	1	02/03/22	02/05/22	
Ethylbenzene	ND	0.0250	1	02/03/22	02/05/22	
Toluene	ND	0.0250	1	02/03/22	02/05/22	
o-Xylene	ND	0.0250	1	02/03/22	02/05/22	
p,m-Xylene	ND	0.0500	1	02/03/22	02/05/22	
Total Xylenes	ND	0.0250	1	02/03/22	02/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206038
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/22	02/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*02/03/22*	*02/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2207008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/22	02/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/22	02/08/22	
Surrogate: n-Nonane		*81.3 %*	*50-200*	*02/07/22*	*02/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2207005
Chloride	ND	20.0	1	02/07/22	02/08/22	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2206038-BLK1)									Prepared: 02/03/22 Analyzed: 02/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.38*		*8.00*		*92.3*	*70-130*			
LCS (2206038-BS1)									Prepared: 02/03/22 Analyzed: 02/05/22
Benzene	4.46	0.0250	5.00		89.1	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.1	70-130			
Toluene	4.81	0.0250	5.00		96.3	70-130			
o-Xylene	4.62	0.0250	5.00		92.4	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.33*		*8.00*		*91.7*	*70-130*			
Matrix Spike (2206038-MS1)				**Source: E202004-03**					Prepared: 02/03/22 Analyzed: 02/05/22
Benzene	4.46	0.0250	5.00	ND	89.2	54-133			
Ethylbenzene	4.67	0.0250	5.00	ND	93.3	61-133			
Toluene	4.85	0.0250	5.00	ND	97.0	61-130			
o-Xylene	4.64	0.0250	5.00	ND	92.8	63-131			
p,m-Xylene	9.49	0.0500	10.0	ND	94.9	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.32*		*8.00*		*91.5*	*70-130*			
Matrix Spike Dup (2206038-MSD1)				**Source: E202004-03**					Prepared: 02/03/22 Analyzed: 02/05/22
Benzene	4.33	0.0250	5.00	ND	86.6	54-133	3.02	20	
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	61-133	4.03	20	
Toluene	4.68	0.0250	5.00	ND	93.6	61-130	3.53	20	
o-Xylene	4.48	0.0250	5.00	ND	89.6	63-131	3.47	20	
p,m-Xylene	9.11	0.0500	10.0	ND	91.1	63-131	4.16	20	
Total Xylenes	13.6	0.0250	15.0	ND	90.6	63-131	3.94	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.12*		*8.00*		*89.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2206038-BLK1)									Prepared: 02/03/22 Analyzed: 02/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.14*		*8.00*		*102*	*70-130*			
LCS (2206038-BS2)									Prepared: 02/03/22 Analyzed: 02/05/22
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.12*		*8.00*		*101*	*70-130*			
Matrix Spike (2206038-MS2)				**Source: E202004-03**					Prepared: 02/03/22 Analyzed: 02/05/22
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.17*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2206038-MSD2)				**Source: E202004-03**					Prepared: 02/03/22 Analyzed: 02/05/22
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	1.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.20*		*8.00*		*102*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2207008-BLK1)									Prepared: 02/07/22 Analyzed: 02/07/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*35.1*		*50.0*		*70.2*	*50-200*			
LCS (2207008-BS1)									Prepared: 02/07/22 Analyzed: 02/07/22
Diesel Range Organics (C10-C28)	486	25.0	500		97.2	38-132			
Surrogate: n-Nonane	*39.1*		*50.0*		*78.1*	*50-200*			
Matrix Spike (2207008-MS1)				**Source: E202004-10**					Prepared: 02/07/22 Analyzed: 02/07/22
Diesel Range Organics (C10-C28)	474	25.0	500	ND	94.8	38-132			
Surrogate: n-Nonane	*37.7*		*50.0*		*75.5*	*50-200*			
Matrix Spike Dup (2207008-MSD1)				**Source: E202004-10**					Prepared: 02/07/22 Analyzed: 02/07/22
Diesel Range Organics (C10-C28)	499	25.0	500	ND	99.7	38-132	5.07	20	
Surrogate: n-Nonane	*39.6*		*50.0*		*79.2*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2022 3:49:58PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2207005-BLK1)									Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	ND	20.0							
LCS (2207005-BS1)									Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	243	20.0	250		97.2	90-110			
Matrix Spike (2207005-MS1)				**Source: E202004-02**					Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	576	20.0	250	363	85.2	80-120			
Matrix Spike Dup (2207005-MSD1)				**Source: E202004-02**					Prepared: 02/07/22 Analyzed: 02/08/22
Chloride	581	20.0	250	363	87.0	80-120	0.762	20	

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

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Fed 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/08/22 15:49

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Devon	
Project: North Brushy Draw Fed 35 #002H	
Project Manager: Ashley Giovengo	
Address: 1224 Standpipe Rd	
City, State, Zip: Carlsbad, NM 88220	
Phone: 505-382-1211	
Email: ashley.giovengo@wescominc.com	
Report due by:	

Bill To

Attention: Jim Raley	
Address: 5315 Buena Vista Dr	
City, State, Zip: Calsbad, NM 88220	
Phone: 575-689-7597	
Email: jim.raley@dvn.com	

Lab Use Only

Lab WO#	Job Number
E202004	01058-0007

TAT

1D	2D	3D	Standard
			x

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
11:17	1/31/22	Soil	1 Jar	CONF01C - 0'	1									X				
9:40	1/28/22	Soil	1 Jar	CONF02 - 0'	2									X				
13:15	1/31/22	Soil	1 Jar	CONF03E - 0'	3									X				
10:40	1/31/22	Soil	1 Jar	CONF04B - 0'	4									X				
14:54	1/28/22	Soil	1 Jar	CONF05 - 5'	5									X				
11:01	1/28/22	Soil	1 Jar	CONF06 - 2'	6									X				
16:02	1/28/22	Soil	1 Jar	CONF07 - 6'	7									X				
12:15	1/28/22	Soil	1 Jar	CONF08 - 2'	8									X				
13:00	1/28/22	Soil	1 Jar	CONF09 - 3'	9									X				See additional instructions
16:47	1/28/22	Soil	1 Jar	CONF09 - 4'	10									X				See additional instructions; Only run if criteria exceeded on CONF09 - 3'

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com; If CONF09 - 3' exceeds 100ppm TPH run CONF09 - 4'

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	02/01/22	1350		2.1.22	1350
	2.1.22	1635		2/2/22	11:34

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information | Chain of Custody | Page 2 of 2

Client: Devon	
Project: North Brushy Draw Federal 35 #002H	
Project Manager: Ashley Giovengo	
Address: 1224 Standpipe Rd	
City, State, Zip: Carlsbad, NM 88220	
Phone: 505-382-1211	
Email: ashley.giovengo@wescominc.com	
Report due by:	

Bill To

Attention: Jim Raley	
Address: 5315 Buena Vista Dr	
City, State, Zip: Calsbad, NM 88220	
Phone: 575-689-7597	
Email: jim.raley@dvn.com	

Lab Use Only

Lab WO#	Job Number
E202004	01058-0007

TAT

1D	2D	3D	Standard
			x

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
13:17	1/28/22	Soil	1 Jar	CONF10 - 1'	11									X				
13:39	1/28/22	Soil	1 Jar	CONF11 - 2'	12									X				
14:21	1/31/22	Soil	1 Jar	BG01 - 0'	13									X				
14:24	1/31/22	Soil	1 Jar	BG01 - 1'	14									X				

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	02/01/22	1350		2.1.22	1350
	2.1.22	1635	Caitlin Christian	2/2/22	11:34

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 2/2/2022 12:53:47PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/02/22 11:34	Work Order ID:	E202004
Phone:	(505) 382-1211	Date Logged In:	02/01/22 15:24	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	02/08/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	North Brushy Draw Federal 35 #002H
Work Order:	E202113
Job Number:	01058-0007
Received:	2/22/2022

Revision: 0

Report Reviewed By:

Draft
Walter Hinchman
Laboratory Director
2/22/22

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

Date Reported: 2/22/22

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: North Brushy Draw Federal 35 #002H
Workorder: E202113
Date Received: 2/22/2022 11:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/22/2022 11:15:00AM, under the Project Name: North Brushy Draw Federal 35 #002H.

The analytical test results summarized in this report with the Project Name: North Brushy Draw Federal 35 #002H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35 #002H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/22/22 15:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF10 - 2'	E202113-01A	Soil	01/28/22	02/22/22	Glass Jar, 4 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/22/2022 3:21:53PM

CONF10 - 2'

E202113-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2209015
Chloride	**195**	20.0	1	02/22/22	02/22/22	

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35 #002H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/22/22 15:21

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 1

Client: Devon	
Project: North Brushy Draw Federal 35 #002H	
Project Manager: Ashley Giovengo	
Address: 1224 Standpipe Rd	
City, State, Zip: Carlsbad, NM 88220	
Phone: 505-382-1211	
Email: ashley.giovengo@wescominc.com	
Report due by:	

Bill To

Attention:	Jim Raley
Address:	5315 Buena Vista Dr
City, State, Zip:	Calsbad, NM 88220
Phone:	575-689-7597
Email:	jim.raley@dvn.com

Lab Use Only

Lab WO#	Job Number
E202113	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
13:22	1/28/22	Soil	1 Jar	CONF10 - 2'	1						X							

Analysis and Method

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, jim.raley@dvn.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2-21-22	8:45		2.21.22	845
	2.21.22	1130	Caitlin Christian	2/22/22	11:15

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 2/22/2022 12:25:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/22/22 11:15	Work Order ID:	E202113
Phone:	(505) 382-1211	Date Logged In:	02/21/22 10:21	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	02/22/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

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

Date

envirotech Inc.

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	North Brushy Draw Federal 35#002H - 12.11.21 Spill
Work Order:	E203034
Job Number:	01058-0007
Received:	3/7/2022

Revision: 0

Report Reviewed By:

Draft

Walter Hinchman
Laboratory Director
3/7/22

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

Date Reported: 3/7/22

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: North Brushy Draw Federal 35#002H - 12.11.21 Spill
Workorder: E203034
Date Received: 3/7/2022 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2022 8:00:00AM, under the Project Name: North Brushy Draw Federal 35#002H - 12.11.21 Spill.

The analytical test results summarized in this report with the Project Name: North Brushy Draw Federal 35#002H - 12.11.21 Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35#002H - 12.11.21 Spill	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/07/22 16:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF07 - 10'	E203034-01A	Soil	03/04/22	03/07/22	Glass Jar, 4 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35#002H - 12.11.21 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2022 4:07:20PM

CONF07 - 10'

E203034-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/07/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/07/22	
Toluene	ND	0.0250	1	03/07/22	03/07/22	
o-Xylene	ND	0.0250	1	03/07/22	03/07/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/07/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/07/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*03/07/22*	*03/07/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*03/07/22*	*03/07/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2211009
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/07/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*03/07/22*	*03/07/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2211004
Chloride	**330**	20.0	1	03/07/22	03/07/22	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35#002H - 12.11.21 Spill	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2022 4:07:20PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2211004-BLK1)									Prepared: 03/07/22 Analyzed: 03/07/22
Chloride	ND	20.0							
LCS (2211004-BS1)									Prepared: 03/07/22 Analyzed: 03/07/22
Chloride	248	20.0	250		99.0	90-110			

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

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	North Brushy Draw Federal 35#002H - 12.11.21 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/07/22 16:07

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

North Brushy Draw Federal 35 #002H - 12.11.21 spill

Chain of Custody

Page 1 of 1

Client:	Devon Energy
Project:	North Brushy Federal
Project Manager:	A. Giovenso 35-2H
Address:	1224 Standpipe Rd
City, State, Zip	Carlsbad, NM 88220
Phone:	505-382-1211
Email:	ashley.giovenso@wescominc.com
Report due by:	

Bill To

Attention:	Jim Raley
Address:	5315 Buena Vista Dr.
City, State, Zip	Carlsbad, NM 88220
Phone:	575-689-7597
Email:	jim.raley@dvn.com

Lab Use Only

Lab WO#	Job Number
E203034	01058-0007

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:52	03/04	S	1jar	CONF07-10'	1							X		

Analysis and Method

Additional Instructions: Preserved on ice; Please cc ashley.giovenso, shar.harvester and cole.burton@wescominc.com and jim.raley@dvn.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03/02/22	01:34p		03/4/22	1334
	3-4-22	1630		3/7/22	8:00

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 3/7/2022 8:40:24AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/07/22 08:00	Work Order ID:	E203034
Phone:	(505) 382-1211	Date Logged In:	03/07/22 08:22	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	03/07/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

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

Date

envirotech Inc.

ATTACHMENT F

48-Hour Liner Inspection Notification Email

Ashley Giovengo <ashley.giovengo@wescominc.com>

48-hour Liner Inspection Notification - North Brushy Draw Federal 35 #002H

1 message

Ashley Giovengo <ashley.giovengo@wescominc.com> Mon, Jan 10, 2022 at 2:20 PM
To: "Hamlet, Robert, EMNRD" <Robert.hamlet@state.nm.us>, "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Hensley, Chad, EMNRD" <Chad.Hensley@state.nm.us>, "Venegas, Victoria, EMNRD" <Victoria.venegas@state.nm.us>
Cc: Shar Harvester <shar.harvester@wescominc.com>, "Raley, Jim" <Jim.Raley@dvn.com>, Cole Burton <cole.burton@wescominc.com>, Daniel Davis <daniel.davis@wescominc.com>, Joey Croce <joey.croce@wescominc.com>, Cody York <cody.york@wescominc.com>

Hello All,

This email is to notify the NMOCD that Wescom, Inc. will be on the North Brushy Draw Federal 35 #002H to perform a liner inspection. Inspection will be conducted on Friday, January 14, 2022 (01/14/2022) at 0800 hours. Please let me know if you have any questions.

Thank you,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
"I am in charge of my own safety."

Minnesota | North Dakota | New Mexico | Wisconsin

ATTACHMENT G

48-Hour Confirmation Sampling Notification Emails

WESCOM

Ashley Giovengo <ashley.giovengo@wescominc.com>

48-Hour Confirmation Sample Notice - nAPP2134850486

1 message

Ashley Giovengo <ashley.giovengo@wescominc.com> Wed, Jan 26, 2022 at 10:34 AM
To: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Hensley, Chad, EMNRD" <Chad.Hensley@state.nm.us>, "Hamlet, Robert, EMNRD" <Robert.hamlet@state.nm.us>, "Venegas, Victoria, EMNRD" <Victoria.venegas@state.nm.us>
Cc: "Raley, Jim" <Jim.Raley@dvn.com>, Cole Burton <cole.burton@wescominc.com>, Shar Harvester <shar.harvester@wescominc.com>, Joey Croce <joey.croce@wescominc.com>, Cody York <cody.york@wescominc.com>

Hello All,

We intend to take confirmation samples at the North Brushy Draw Federal 35 #002H - nAPP2134850486 starting on (01/28/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
"I am in charge of my own safety."

Minnesota | North Dakota | New Mexico | Wisconsin

Ashley Giovengo <ashley.giovengo@wescominc.com>

48-Hour Confirmation Sample Notice - nAPP2134850486

1 message

Ashley Giovengo <ashley.giovengo@wescominc.com> Mon, Jan 31, 2022 at 5:24 AM
To: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Hensley, Chad, EMNRD" <Chad.Hensley@state.nm.us>, "Venegas, Victoria, EMNRD" <Victoria.venegas@state.nm.us>, "Hamlet, Robert, EMNRD" <Robert.hamlet@state.nm.us>
Cc: Shar Harvester <shar.harvester@wescominc.com>, Cole Burton <cole.burton@wescominc.com>, Daniel Davis <daniel.davis@wescominc.com>, "Raley, Jim" <Jim.Raley@dvn.com>, Joey Croce <joey.croce@wescominc.com>, Cody York <cody.york@wescominc.com>

Hello,

Please extend the confirmation sampling event at the North Brushy Draw Federal 35 #002H - nAPP2134850486 until 01/31/2022.

Thanks,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
"I am in charge of my own safety."

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WESCOM

Ashley Giovengo <ashley.giovengo@wescominc.com>

48-hour Confirmation Sampling Notification - North Brushy Draw Federal 35 #002H (nAPP2134850486)

1 message

Ashley Giovengo <ashley.giovengo@wescominc.com> Wed, Mar 2, 2022 at 2:45 PM
To: "Velez, Nelson, EMNRD" <nelson.velez@state.nm.us>, "Nobui, Jennifer, EMNRD" <jennifer.nobui@state.nm.us>, "Billings, Bradford, EMNRD" <bradford.billings@state.nm.us>, "Hamlet, Robert, EMNRD" <Robert.hamlet@state.nm.us>, "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, "Hensley, Chad, EMNRD" <Chad.Hensley@state.nm.us>
Cc: "Raley, Jim" <Jim.Raley@dvn.com>, Cole Burton <cole.burton@wescominc.com>, Joey Croce <joey.croce@wescominc.com>, Cody York <cody.york@wescominc.com>

Hello All,

We intend to take confirmation samples at the North Brushy Draw Federal 35 #002H - nAPP2134850486 starting on (03/04/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
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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 89332

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 89332
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved.	3/22/2022