

COTTON DRAW UNIT 26 CTB 2

4/15/2024

nAPP2410655775

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	75
Width(Ft)	75
Depth(in.)	0.5
Total Capacity without tank displacements (bbls)	41.74
No. of 500 bbl Tanks In Standing Fluid	6
No. of Other Tanks In Standing Fluid	0
OD Of Other Tanks In Standing Fluid(feet)	0
Total Volume of standing fluid accounting for tank displacement.	33.35



July 15, 2024

New Mexico Energy Minerals and Natural Resources Department

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Deferral Request
Cotton Draw Unit 26 CTB 2
Incident Number nAPP2410655775
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Deferral Request* to document assessment and soil sampling activities at the Cotton Draw Unit 26 CTB 2 (Site) in Unit C, Section 26, Township 24 South, Range 31 East, in Eddy County, New Mexico (Figure 1). The Site (32.1927539°, -103.74872361°) is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water within a lined containment at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Deferral Request*, describing Site assessment and delineation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2410655775 until the Site is reconstructed and/or the well pad is abandoned.

BACKGROUND

On April 15, 2024, a pin hole on the water transfer pump resulted in the release of approximately 33 barrels (bbls) of produced water into the lined tank battery containment. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; all 33 bbls of released produced water were recovered from within the lined containment. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on April 15, 2024, and subsequently the release was assigned Incident Number nAPP2410655775. A 48-hour advance notice of liner inspection was provided to the NMOCD via web portal. A liner integrity inspection was conducted by Ensolum personnel following fluid recovery. Upon inspection, the liner was determined to be insufficient.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP 04633 POD1 with a depth to water measurement greater than 55 feet below ground surface (bgs). The well is located 0.88 miles southwest of the Site and the most recent documented water level measurement was collected on May 12, 2022. All wells used for depth to groundwater determinations are depicted on Figure 1 and the referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent freshwater pond, located approximately 0.74 miles north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low karst potential designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT ACTIVITIES

On May 17, 2024, Ensolum personnel visited the Site to conduct Site assessment activities. Four assessment soil samples (SS01 through SS04) were collected from each side of the lined secondary containment at surface level. The soil samples were field screened for TPH utilizing a PetroFLAG[®] Hydrocarbon Test Kit and chloride using Hach[®] Chloride QuanTab[®] test strips. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted in Figure 2.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500.

On May 31, 2024, Ensolum personnel returned to the Site to perform a liner integrity inspection. Ensolum personnel competent in conducting liner inspections identified one tear within the liner and it was determined the liner was insufficient and did not have the ability to contain the release in question. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B

DELINEATION ACTIVITIES

Ensolum returned to the Site on June 6, 2024, to conduct delineation activities and to assess for the presence or absence of impacts to soil beneath the lined containment. The liner was found to be insufficient during the inspection and as such, one borehole (BH01) was advanced in the general vicinity of the tear in the damaged liner. The borehole was advanced via hand auger to a depth of 2 feet bgs. Discrete delineation soil samples were collected from the borehole and field screened for TPH and

chloride at each foot as described above. Two soil samples from borehole BH01 were submitted for laboratory analysis; the sample depth with the highest field screening results (at ground surface (0 feet bgs)) and the borehole terminus (at 2 feet bgs). The soil samples were handled and analyzed as previously described. Field screening results and observations from the borehole were logged on lithologic/soil sampling logs, which are included in Appendix C.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for assessment soil samples SS01 through SS04, collected from outside of the lined secondary containment, indicated all COC concentrations were compliant with Site Closure Criteria and with the strictest Closure Criteria per NMOCD Table I. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

Laboratory analytical results for the vertical delineation soil samples collected from borehole BH01 indicated concentrations of TPH and chloride exceeded the Site Closure Criteria at ground surface in borehole BH01 but were compliant at 2 feet bgs. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

DEFERRAL REQUEST

Devon is requesting deferral of final remediation due to the presence of active production equipment and surface pipelines within the lined containment. Impacted soil is limited to the area immediately beneath the lined containment and active production equipment, where remediation would require a major facility deconstruction.

Impacted soil remaining in place beneath the liner, which is delineated vertically by delineation soil samples from borehole (BH01), collected at a terminal depth of 2 feet bgs. The release was defined laterally by surface soil samples SS01 through SS04, collected at the ground surface. A maximum of 371 cubic yards of chloride and TPH-impacted soil remains in place beneath the liner assuming a maximum 2-foot depth based on the delineation soil samples listed above. Impacted soil volumes estimate include waste-containing soil volumes to be addressed through reconstruction of the containment or final pad reclamation. The area of deferment is depicted on Figure 3.

Devon does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 55 feet bgs, the release was contained laterally by the lined containment, and the impacted soil remaining in place is limited to the area immediately beneath the liner. The liner has been repaired by Devon and will restrict future vertical migration of residual impacts and any interactions with humans and/or wildlife.

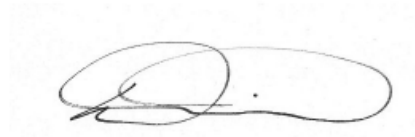
Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Devon requests deferral of final remediation for Incident Number nAPP2410655775 until final reclamation of the well pad or major construction, whichever comes first. Remedial actions completed to date have been protective of human health, the environment, and groundwater and deferment of impacted soil beneath the lined containment appears to be equally protective and warranting deferment. Notifications submitted to the NMOCD are included in Appendix E.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,
Ensolum, LLC



Ashely Giovengo
Senior Scientist



Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

cc: Dale Woodall, Devon
Bureau of Land Management





Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Area of Requested Deferral
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Correspondence






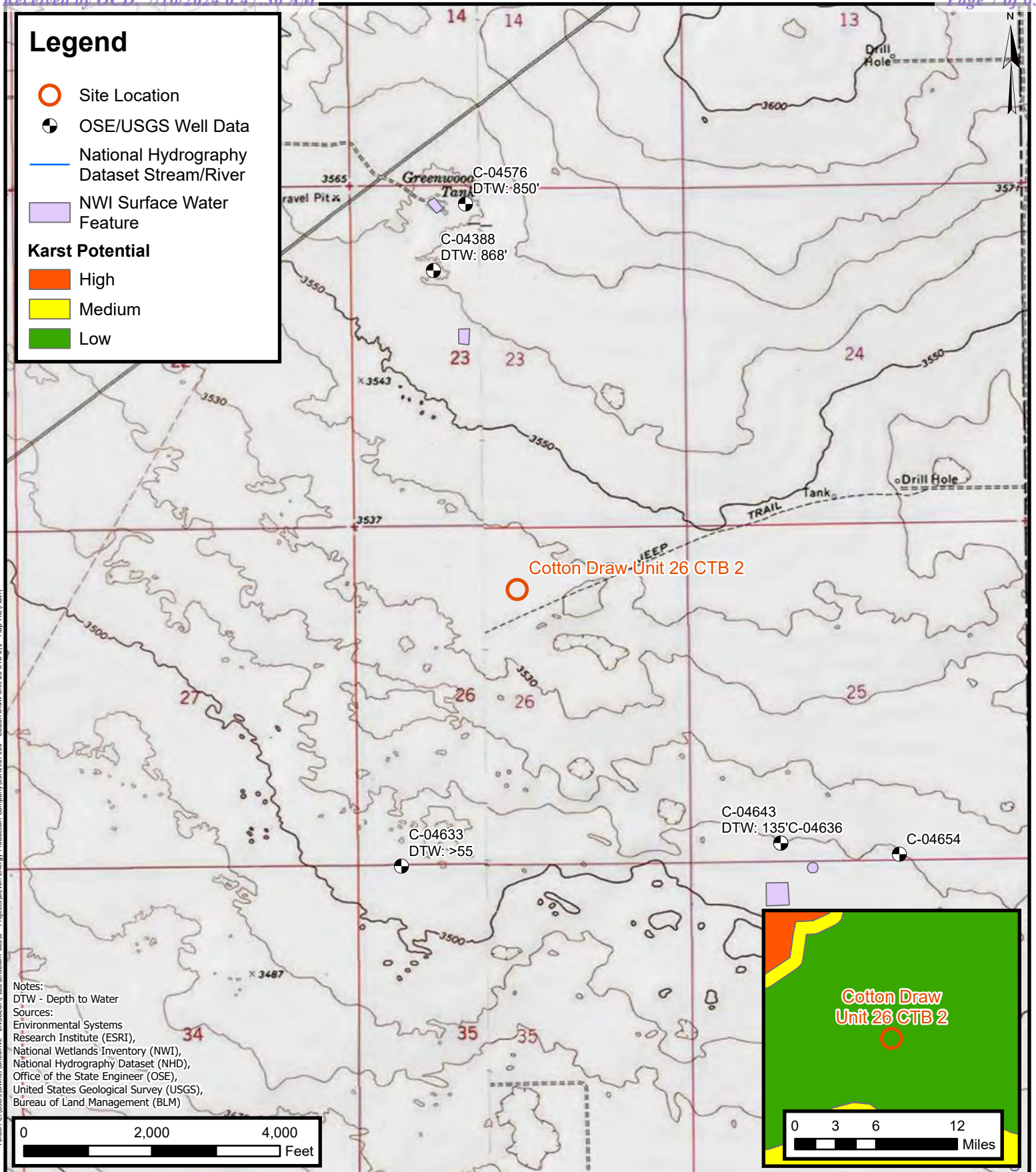
FIGURES

Legend

-  Site Location
-  OSE/USGS Well Data
-  National Hydrography Dataset Stream/River
-  NWI Surface Water Feature

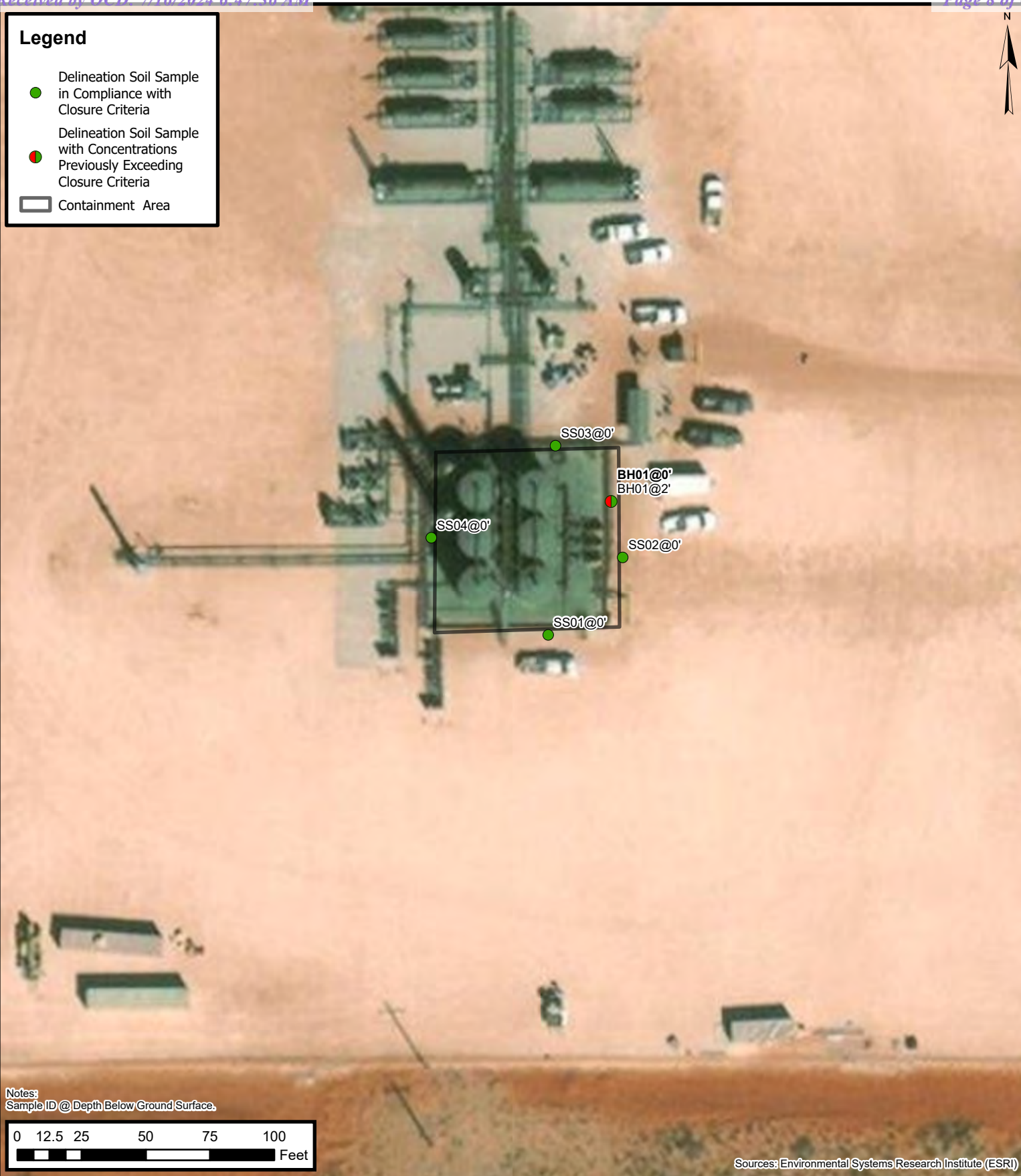
Karst Potential

-  High
-  Medium
-  Low



Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Containment Area



Delineation Soil Sample Locations

Devon Energy Production Company, LP
 Cotton Draw Unit 26 CTB 2
 Incident Number: nAPP2410655775
 Unit C, Section 26, T 24S, R 31E
 Eddy County, New Mexico

FIGURE
2

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Area of Requested Deferral

**Area of Requested Deferral**

Devon Energy Production Company, LP
 Cotton Draw Unit 26 CTB 2
 Incident Number: nAPP2410655775
 Unit C, Section 26, T 24S, R 31E
 Eddy County, New Mexico

FIGURE**3**



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Cotton Draw Unit 26 CTB 2 Devon Energy Production Company, LP Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Delineation Soil Samples										
SS01	5/17/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	237
SS02	5/17/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	430
SS03	5/17/2024	0	<0.00200	<0.00399	<20.0	26.3	<50.0	26.3	26.3	61.3
SS04	5/17/2024	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<20.0	90.5
BH01	6/6/2024	0	<0.0250	<0.0250	<20.0	4,870	1,900	4,870	9,740	5,830
BH01	6/6/2024	2	<0.0250	<0.0250	<20.0	31.7	<50.0	31.7	31.7	141

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Grey text represents samples that have been excavated
"<": Laboratory Analytical result is less than reporting limit
Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Referenced Well Records

File No. C-04633

NEW MEXICO OFFICE OF THE STATE ENGINEER


**WR-07 APPLICATION FOR PERMIT TO DRILL
A WELL WITH NO WATER RIGHT**


(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:

<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Groundwater Determination
	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☐ Temporary Request - Requested Start Date:

Requested End Date:

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: Devon Energy	Name:
Contact or Agent: Dale Woodall	Contact or Agent:
check here if Agent <input type="checkbox"/>	check here if Agent <input type="checkbox"/>
Mailing Address: 6488 7 Rivers Hwy	Mailing Address:
City: Artesia	City:
State: NM	State:
Zip Code: 88210	Zip Code:
Phone: 575-748-1838	Phone:
Phone (Work):	Phone (Work):
<input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell	<input type="checkbox"/> Home <input type="checkbox"/> Cell
E-mail (optional): Dale.Woodall@dvn.com	E-mail (optional):

OSE DIT MAY 12 2022 PM 1:39

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-04633	Tm. No.: 726271	Receipt No.: 2-44571
Trans Description (optional): 35 245 312 2.1.1		
Sub-Basin: C	PCW/LOG Due Date: 5/24/23	

Page 1 of 3

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).

District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

- ☐ NM State Plane (NAD83) (Feet)
 ☐ UTM (NAD83) (Meters)
 ☒ Lat/Long (WGS84) (to the nearest 1/10th of second)
- ☐ NM West Zone
 ☐ Zone 12N
- ☐ NM East Zone
 ☐ Zone 13N
- ☐ NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-04633-POD1(FW-1)	-103°45'17.05"	32°10'51.34"	NE NW NW Sec.35 T24S R31E NMPM

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many _____

Other description relating well to common landmarks, streets, or other:
 Site ID:17
 Location Name:Cotton Draw Unit 213

Well is on land owned by: Bureau of Land Management

Well Information: **NOTE: If more than one (1) well needs to be described, provide attachment.** Attached? ☐ Yes ☒ No
 If yes, how many _____

Approximate depth of well (feet): 55	Outside diameter of well casing (inches): 2.375
Driller Name: Jackie D. Atkins	Driller License Number: 1249

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

A Soil Boring to determine depth up to 55 feet. Temporary PVC well material will be placed to total depth and secured at surface. Temporary well will be in place for minimum of 72 hours. If ground water is encountered the boring will be plugged immediately using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged using hydrated bentonite.

OSE DJT MAY 12 2022 PM1:39

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-04633

Trn No.: 726271

Page 2 of 3

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted.
Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.	<input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	<input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Dale Woodall (Devon Energy)

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Dale Woodall

Dale Woodall (Apr 25, 2022 10:46 MDT)

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 24 day of May 20 22, for the State Engineer,

OSE DII MAY 12 2022 PM 1:40

Mike Hamman, P.E. State Engineer

By: K. Parekh
Signature

Print

Kashyap Parekh

Title: Water Resource manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-04633

Trn No.: 726271

Page 3 of 3

Form No. 4-1158
Fifth Edition
(Sept. 1964)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTForm approved.
Budget Bureau No. 45-R001Office New MexicoSerial No. 036278

Receipt No. _____

OFFER TO LEASE AND LEASE FOR OIL AND GAS

(Sec. 17 Noncompetitive 5-Year Public Domain Lease)

THIS OFFER MAY BE REJECTED AND RETURNED TO THE OFFEROR AND WILL AFFORD THE OFFEROR NO PRIORITY IF IT IS NOT PROPERLY FILLED IN AND EXECUTED OR IF IT IS NOT ACCOMPANIED BY THE REQUIRED DOCUMENTS OR PAYMENTS. SEE ITEM 9 OF GENERAL INSTRUCTIONS

(Fill in on a typewriter or print plainly in ink and in ink)

Mr. R. J. Kerr
(Name)
436 South Old Ranch Road
(Number and Street)
Arcadia, California
(City and State)RECEIVED
BUREAU OF LAND MANAGEMENT
LAND OFFICE
SANTA FE, NEW MEXICO
JUL 22 1957LAND OFFICE
SANTA FE, NEW MEXICO

JAN 6 1958

PLEASE NOTIFY THE
SIGNING OFFICER OF
ANY CHANGE OF ADDRESS.

hereby offers to lease all or any of the lands described in item 2 that are available for lease, pursuant and subject to the terms and provisions of the act of February 25, 1920 (41 Stat. 437, 30 U. S. C. sec. 181), as amended, hereinafter referred to as the act, and to all reasonable regulations of the Secretary of the Interior now or hereafter in force, when not inconsistent with any express and specific provisions herein, which are made a part hereof.

2. Land requested		3. Land included in lease (Not to be filled in by Offeror)	
(State)	(County)	(State)	(County)
T. _____ R. _____	Meridian _____	T. <u>24</u> S. R. <u>31</u> E.	N. M. P. Meridian
		Sec. <u>34</u> : Lots 3 and 4, NW 1/4, N 1/2 S 1/4	
		Sec. <u>35</u> : Lots 1, 2, 3, 4, NW 1/4, N 1/2 S 1/4	
Total Area _____ Acres		Total Area <u>708.68</u> Acres	
		Rental retained <u>954.50</u>	

Hondo 16000 Lease
A 30-0410-00

USE OF MAY 12 2022 PM 1:42

JAN 10 1958
K. O. Dume
ACTING Manager

4. Amount remitted: Filing fee \$10, Rental \$_____, Total \$_____.
5. Undersigned certifies as follows:
- (a) Offeror is a citizen of the United States. Native born _____ Naturalized _____ Corporation or other legal entity (specify what kind): _____
- (b) Offeror's interests direct and indirect in oil and gas leases and applications or offers therefor including this offer do not exceed 46,080 chargeable acres in the same State, or 100,000 chargeable acres in Alaska. (c) Offeror accepts as a part of this lease, to the extent applicable, the stipulations provided for in 43 CFR 191.6. (d) Offeror is 21 years of age or over (or if a corporation or other legal entity, is duly qualified as shown by statements made or referred to herein). (e) Offeror has described all surveyed lands by legal subdivisions and unsurveyed lands by metes and bounds, and further states that there are no settlers on unsurveyed lands described herein.
6. Offeror's signature to this offer shall also constitute offeror's signature to, and acceptance of, this lease and any amendment thereto that may cover any land described in this offer open to lease application at the time the offer was filed but omitted from this lease for any reason, or signature to, or acceptance of, any separate lease for such land. The offeror further agrees that (a) this offer cannot be withdrawn, either in whole or in part, unless the withdrawal is received by the land office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed in behalf of the United States, and (b) this offer and lease shall apply only to lands not within a known geologic structure of a producing oil or gas field at the time the offer is filed.
7. If this lease form does not contain all of the terms and conditions of the lease form in effect at the date of filing, the offeror further agrees to be bound by the terms and conditions contained in that form.
8. It is hereby certified that the statements made herein are complete and correct to the best of offeror's knowledge and belief and are made in good faith.

IN WITNESS WHEREOF, Offeror has duly executed this instrument this 11th day of July, 1957

WITNESSES

W. H. G. Smith 417 So. Shubanna Dr. LA 48062 (Name and address)
Chief Engineer 115 E. Kling St., No. Hollywood (Name and address)

R. J. Kerr (Lessee signature)
Chief (Lessee signature)

(Attorney-in-fact)

This lease for the lands described in item 3 above is hereby issued, subject to the provisions of the offer and on the reverse side hereof.

THE UNITED STATES OF AMERICA

By Douglas E. Henriques (Signing officer)Douglas E. Henriques (Title)

JUL 26 1957 (Date)

Effective date of lease AUG 1 - 1957

18 U. S. C. sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

This form may be reproduced provided that the copies are used respectively on one sheet of both sides of this official form, in accordance with the provisions of 43 CFR 192.42 (a).

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04633 POD1File Number: C 04633Trn Number: 726271

page: 1

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Trn Desc: C 04633 POD1

File Number: C 04633

Trn Number: 726271

page: 2

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- LOG The Point of Diversion C 04633 POD1 must be completed and the Well Log filed on or before 05/24/2023.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 05/12/2022	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 24 day of May A.D., 2022

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: C 04633 POD1

File Number: C 04633

Trn Number: 726271

4185143264264

4185144264260

Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S.
Department of Energy Office of Legacy Management

Coordinates**UTM - NAD 83 (m) - Zone 13**

Easting 617395.172

Northing 3561169.386

State Plane - NAD 83 (f) - Zone F

Easting 720346.810

Northing 430035.690

Degrees Minutes Seconds

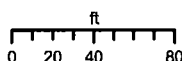
Latitude 32 : 10 : 51.340000

Longitude -103 : 45 : 17.050000

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:1,128



N



M. TELLES

5/24/2022



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately interpret the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, development methodology, interpretation of source data, and other circumstances. These maps are distributed "as is" without warranty of any kind.

Spatial Information**County:** Eddy**Groundwater Basin:** Carlsbad**Abstract Area:** Carlsbad 72-12-1**Carlsbad Underground Basin****Land Grant:**
Not in Land Grant**Restrictions:**

NA

PLSS Description**NWNEWNW Qtr of Sec 35 of 024S 031E**

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information**UPC/DocNum:** 4185144264260**Parcel Owner:** Bureau Of Land**Address:** null null null

Legal: Quarter: Ne S: 35 T: 24S R: 31E Quarter: Nw S: 35
T: 24S R: 31E Quarter: Sw S: 35 T: 24S R: 31E
Quarter: Se S: 35 T: 24S R: 31E All Map# 370-35
Exempt

POD Information**Owner:****File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:**

<input type="checkbox"/> Calculated PLSS	<input type="checkbox"/> Cibola County Parcels 2021	<input type="checkbox"/> Grant County Parcels 2021	<input type="checkbox"/> Los Alamos County Parcels 2021	<input type="checkbox"/> Rio Arriba County Parcels 2021	<input type="checkbox"/> Santa Fe County Parcels 2021	<input type="checkbox"/> Valencia County Parcels 2021
<input checked="" type="checkbox"/> Coord Search Location	<input type="checkbox"/> Colfax County Parcels 2021	<input type="checkbox"/> Harding County Parcels 2021	<input type="checkbox"/> Luna County Parcels 2021	<input type="checkbox"/> Roosevelt County Parcels 2021	<input type="checkbox"/> Sierra County Parcels 2021	<input checked="" type="checkbox"/> Site Boundaries
<input type="checkbox"/> OSE District Boundary	<input type="checkbox"/> Curry County Parcels 2021	<input type="checkbox"/> Hidalgo County Parcels 2021	<input type="checkbox"/> McKinley County Parcels 2021	<input type="checkbox"/> Sandoval County Parcels 2021	<input type="checkbox"/> Socorro County Parcels 2021	
<input type="checkbox"/> Bernalillo County Parcels 2021	<input checked="" type="checkbox"/> De Baca County Parcels 2021	<input checked="" type="checkbox"/> Guadalupe County Parcels 2021	<input checked="" type="checkbox"/> Mora County Parcels 2021	<input type="checkbox"/> San Juan County Parcels 2021	<input type="checkbox"/> Taos County Parcels 2021	
<input checked="" type="checkbox"/> Catron County Parcels 2021	<input type="checkbox"/> Doña Ana County Parcels 2021	<input type="checkbox"/> Lea County Parcels 2021	<input type="checkbox"/> Otero County Parcels 2021	<input type="checkbox"/> San Miguel County Parcels 2021	<input type="checkbox"/> Torrance County Parcels 2021	
<input type="checkbox"/> Chaves County Parcels 2021	<input type="checkbox"/> Eddy County Parcels 2021	<input type="checkbox"/> Lincoln County Parcels 2021	<input checked="" type="checkbox"/> Quay County Parcels 2021		<input checked="" type="checkbox"/> Union County Parcels 2021	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 726271
File Nbr: C 04633

May. 26, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Megan Telles", is written over a horizontal line.

Megan Telles
(575) 622-6521

Enclosure

explore



APPENDIX B

Photographic Log



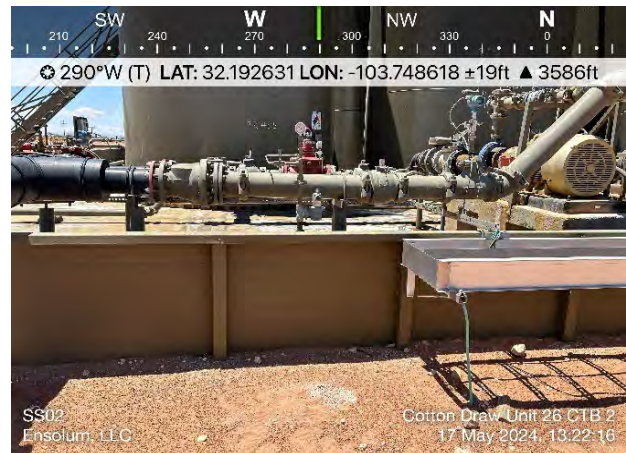
Photographic Log

Devin Energy Production Company, LP
Cotton Draw Unit 25 CTB 2
nAPP2410655775



Photograph 1
Description: Site Signage
View: South

Date: 05/17/2024



Photograph 2
Description: Delineation Sampling
View: West

Date: 05/17/2024



Photograph 3
Description: Delineation Sampling
View: East

Date: 05/17/2024



Photograph 4
Description: Hole in liner
View: Southwest

Date: 05/31/2024



Photographic Log

Devin Energy Production Company, LP
Cotton Draw Unit 25 CTB 2
nAPP2410655775



Photograph 5 Date: 05/31/2024
Description: Liner Inspection
View: South



Photograph 6 Date: 05/31/2024
Description: Liner Inspection
View: West



Photograph 7 Date: 06/06/2024
Description: Delineation
View: Northwest




Photograph 8 Date: 06/06/2024
Description: Liner Patch
View: Northwest



APPENDIX C

Lithologic Soil Sampling Logs

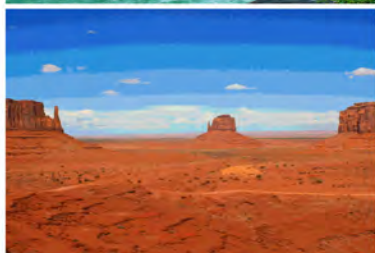
 ENSOLUM					Sample Name: BH01		Date: 6/6/24	
					Site Name: Cotton Draw Unit 26 CTB 2			
					Incident Number: nAPP2410655775			
					Job Number: 03A1987130			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: Connor Whitman		Method: Hand Auger	
Coordinates: 32.19267, -103.74861					Hole Diameter: 3"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	6,199	2.3	Y	BH01	0.5	0	CCHE	Caliche - Tan, Sandy with some silt
M	5,712	1.5	N	BH01	1	0.5		
M	<168	0.1	N	BH01	2	1	SP	Sand - Very fine, Red with some silt and clay
Total Depth = 2'								



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 26 CTB 2

Work Order: E405287

Job Number: 01058-0007

Received: 5/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/31/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/31/24

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Cotton Draw Unit 26 CTB 2
Workorder: E405287
Date Received: 5/21/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/21/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 26 CTB 2.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 26 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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Laboratory Technical Representative
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ljjarboe@envirotech-inc.com

Michelle Golzaes
Client Representative
Office: 505-421-LABS(5227)
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01-0'	5
SS02-0'	6
SS03-0'	7
SS04-0'	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/31/24 13:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E405287-01A	Soil	05/17/24	05/21/24	Glass Jar, 2 oz.
SS02-0'	E405287-02A	Soil	05/17/24	05/21/24	Glass Jar, 2 oz.
SS03-0'	E405287-03A	Soil	05/17/24	05/21/24	Glass Jar, 2 oz.
SS04-0'	E405287-04A	Soil	05/17/24	05/21/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 26 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/31/2024 1:46:54PM
---	---	----------------------------------

SS01-0'
E405287-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Benzene	ND	0.0250	1	05/24/24	05/29/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/29/24	
Toluene	ND	0.0250	1	05/24/24	05/29/24	
o-Xylene	ND	0.0250	1	05/24/24	05/29/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/29/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/29/24	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2422012	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
Surrogate: n-Nonane	107 %	50-200		05/28/24	05/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2421186	
Chloride	237	20.0	1	05/25/24	05/26/24	



Sample Data

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

Project Name: Cotton Draw Unit 26 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/31/2024 1:46:54PM

SS02-0'

E405287-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2421150
Benzene	ND	0.0250	1	05/24/24	05/29/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/29/24	
Toluene	ND	0.0250	1	05/24/24	05/29/24	
o-Xylene	ND	0.0250	1	05/24/24	05/29/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/29/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2421150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2422012
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421186
Chloride	430	20.0	1	05/25/24	05/26/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 26 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/31/2024 1:46:54PM
---	---	----------------------------------

SS03-0'

E405287-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Benzene	ND	0.0250	1	05/24/24	05/29/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/29/24	
Toluene	ND	0.0250	1	05/24/24	05/29/24	
o-Xylene	ND	0.0250	1	05/24/24	05/29/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/29/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422012	
Diesel Range Organics (C10-C28)	26.3	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421186	
Chloride	61.3	20.0	1	05/25/24	05/26/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 26 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/31/2024 1:46:54PM
---	---	----------------------------------

SS04-0'

E405287-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Benzene	ND	0.0250	1	05/24/24	05/29/24	
Ethylbenzene	ND	0.0250	1	05/24/24	05/29/24	
Toluene	ND	0.0250	1	05/24/24	05/29/24	
o-Xylene	ND	0.0250	1	05/24/24	05/29/24	
p,m-Xylene	ND	0.0500	1	05/24/24	05/29/24	
Total Xylenes	ND	0.0250	1	05/24/24	05/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2421150	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/24	05/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/24/24	05/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2422012	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/24	05/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/24	05/29/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/28/24	05/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421186	
Chloride	90.5	20.0	1	05/25/24	05/26/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/31/2024 1:46:54PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2421150-BLK1) Prepared: 05/24/24 Analyzed: 05/29/24

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	7.56		8.00		94.5	70-130			

LCS (2421150-BS1) Prepared: 05/24/24 Analyzed: 05/30/24

Benzene	4.73	0.0250	5.00		94.5	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130			
Toluene	4.85	0.0250	5.00		96.9	70-130			
o-Xylene	4.82	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

LCS Dup (2421150-BS1) Prepared: 05/24/24 Analyzed: 05/30/24

Benzene	5.08	0.0250	5.00		102	70-130	7.23	20	
Ethylbenzene	5.07	0.0250	5.00		101	70-130	7.21	20	
Toluene	5.22	0.0250	5.00		104	70-130	7.33	20	
o-Xylene	5.19	0.0250	5.00		104	70-130	7.48	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	7.06	20	
Total Xylenes	15.6	0.0250	15.0		104	70-130	7.20	20	
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/31/2024 1:46:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421150-BLK1) Prepared: 05/24/24 Analyzed: 05/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

LCS (2421150-BS2) Prepared: 05/24/24 Analyzed: 05/30/24

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.53		8.00		107	70-130			

LCS Dup (2421150-BSD2) Prepared: 05/24/24 Analyzed: 05/29/24

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130	13.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.60		8.00		108	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/31/2024 1:46:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2422012-BLK1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.0		50.0		110	50-200			

LCS (2422012-BS1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			

LCS Dup (2422012-BSD1) Prepared: 05/28/24 Analyzed: 05/29/24

Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132	4.40	20	
Surrogate: n-Nonane	56.8		50.0		114	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/31/2024 1:46:54PM

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 (2421186-BLK1)					Prepared: 05/25/24 Analyzed: 05/25/24				
Chloride	ND	20.0							
LCS (2421186-BS1)					Prepared: 05/25/24 Analyzed: 05/25/24				
Chloride	249	20.0	250		99.6	90-110			
LCS Dup (2421186-BSD1)					Prepared: 05/25/24 Analyzed: 05/25/24				
Chloride	252	20.0	250		101	90-110	1.04	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:	Cotton Draw Unit 26 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/31/24 13:46

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Devon				Bill To				Lab Use Only						TAT				EPA Program				
Project: Cotton Draw Unit 26 CTB 2				Attention: Dale Woodall				Lab WO#		Job Number				1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Ashley Giovengo				Address: 205 E Bender Road #150				E405287		01058-0007							x					
Address: 3122 National Parks Hwy				City, State, Zip: Hobbs NM, 88240				Analysis and Method														RCRA
City, State, Zip: Carlsbad NM, 88220				Phone: (575)748-1838				TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State							
Phone: 575-988-0055				Email: dale.woodall@dv.com											NM	CO	UT	AZ	TX			
Email: agiovengo@ensolum.com																						
Report due by:																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													Remarks				
12:48	5/17/2024	Soil	1	SS01 - 0'	1										X							
12:49	5/17/2024	Soil	1	SS02 - 0'	2										X							
12:50	5/17/2024	Soil	1	SS03 - 0'	3										X							
12:51	5/17/2024	Soil	1	SS04 - 0'	4										X							

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dv.com, chamilton@ensolum.com, iestrella@ensolum.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: Israel Estrella

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	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
<i>[Signature]</i>	5/20/24	9:03	Michelle Gonzales	5.20.24	0903	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>Michelle Gonzales</i>	5.20.24	1745	<i>[Signature]</i>	5.20.24	1745	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	5.20.24	2345	<i>[Signature]</i>	5/21/24	0800	

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: 5/23/2024 12:46:31PM

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:	05/21/24 08:00	Work Order ID:	E405287
Phone:	(505) 382-1211	Date Logged In:	05/20/24 18:21	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	05/28/24 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 26 CTB 2

Work Order: E406074

Job Number: 01058-0007

Received: 6/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/18/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/18/24



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 26 CTB 2
Workorder: E406074
Date Received: 6/10/2024 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/10/2024 6:15:00AM, under the Project Name: Cotton Draw Unit 26 CTB 2.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 26 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-0'	5
BH01-2'	6
QC Summary Data	7
QC - Volatile Organics by EPA 8021B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/18/24 11:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E406074-01A	Soil	06/06/24	06/10/24	Glass Jar, 4 oz.
BH01-2'	E406074-02A	Soil	06/06/24	06/10/24	Glass Jar, 4 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 26 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/18/2024 11:53:06AM
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BH01-0'

E406074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2424013	
Benzene	ND	0.0250	1	06/10/24	06/14/24	
Ethylbenzene	ND	0.0250	1	06/10/24	06/14/24	
Toluene	ND	0.0250	1	06/10/24	06/14/24	
o-Xylene	ND	0.0250	1	06/10/24	06/14/24	
p,m-Xylene	ND	0.0500	1	06/10/24	06/14/24	
Total Xylenes	ND	0.0250	1	06/10/24	06/14/24	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		06/10/24	06/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2424013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/24	06/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.5 %	70-130		06/10/24	06/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2424037	
Diesel Range Organics (C10-C28)	4870	250	10	06/11/24	06/17/24	
Oil Range Organics (C28-C36)	1900	500	10	06/11/24	06/17/24	
Surrogate: n-Nonane	112 %	50-200		06/11/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2424024	
Chloride	5830	200	10	06/10/24	06/12/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 26 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/18/2024 11:53:06AM
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BH01-2'

E406074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2424013	
Benzene	ND	0.0250	1	06/10/24	06/14/24	
Ethylbenzene	ND	0.0250	1	06/10/24	06/14/24	
Toluene	ND	0.0250	1	06/10/24	06/14/24	
o-Xylene	ND	0.0250	1	06/10/24	06/14/24	
p,m-Xylene	ND	0.0500	1	06/10/24	06/14/24	
Total Xylenes	ND	0.0250	1	06/10/24	06/14/24	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		06/10/24	06/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2424013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/10/24	06/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.7 %	70-130		06/10/24	06/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2424037	
Diesel Range Organics (C10-C28)	31.7	25.0	1	06/11/24	06/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/11/24	06/17/24	
Surrogate: n-Nonane	106 %	50-200		06/11/24	06/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2424024	
Chloride	141	20.0	1	06/10/24	06/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/18/2024 11:53:06AM

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 (2424013-BLK1) Prepared: 06/10/24 Analyzed: 06/13/24

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 (2424013-BS1) Prepared: 06/10/24 Analyzed: 06/13/24

Benzene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.12	0.0250	5.00		102	70-130			
o-Xylene	5.00	0.0250	5.00		99.9	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

Matrix Spike (2424013-MS1) Source: E406074-01 Prepared: 06/10/24 Analyzed: 06/14/24

Benzene	5.19	0.0250	5.00	ND	104	54-133			
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	61-133			
Toluene	5.11	0.0250	5.00	ND	102	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2424013-MSD1) Source: E406074-01 Prepared: 06/10/24 Analyzed: 06/14/24

Benzene	5.12	0.0250	5.00	ND	102	54-133	1.30	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133	1.72	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.60	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	1.35	20	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131	1.63	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131	1.54	20	
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/18/2024 11:53:06AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2424013-BLK1) Prepared: 06/10/24 Analyzed: 06/13/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

LCS (2424013-BS2) Prepared: 06/10/24 Analyzed: 06/13/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike (2424013-MS2) Source: E406074-01 Prepared: 06/10/24 Analyzed: 06/14/24

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			

Matrix Spike Dup (2424013-MSD2) Source: E406074-01 Prepared: 06/10/24 Analyzed: 06/14/24

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	0.500	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/18/2024 11:53:06AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2424037-BLK1) Prepared: 06/11/24 Analyzed: 06/14/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	50-200			

LCS (2424037-BS1) Prepared: 06/11/24 Analyzed: 06/14/24

Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			

Matrix Spike (2424037-MS1) Source: E406051-09 Prepared: 06/11/24 Analyzed: 06/14/24

Diesel Range Organics (C10-C28)	337	25.0	250	59.1	111	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike Dup (2424037-MSD1) Source: E406051-09 Prepared: 06/11/24 Analyzed: 06/14/24

Diesel Range Organics (C10-C28)	351	25.0	250	59.1	117	38-132	3.96	20	
Surrogate: n-Nonane	52.3		50.0		105	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 26 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/18/2024 11:53:06AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2424024-BLK1)					Prepared: 06/10/24 Analyzed: 06/12/24				
Chloride	ND	20.0							
LCS (2424024-BS1)					Prepared: 06/10/24 Analyzed: 06/12/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2424024-MS1)					Source: E406065-25		Prepared: 06/10/24 Analyzed: 06/12/24		
Chloride	274	100	250	ND	109	80-120			
Matrix Spike Dup (2424024-MSD1)					Source: E406065-25		Prepared: 06/10/24 Analyzed: 06/12/24		
Chloride	273	100	250	ND	109	80-120	0.320	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:	Cotton Draw Unit 26 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/18/24 11:53

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Page 1 of 1

Received by OCD: 7/16/2024 6:47:36 AM

Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: Devon				Company: Devon				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX	
Project: Cotton Draw Unit 26 CTB 2				Address: 205 E Bender Road #150				E 406074		01058007								x		x							
Project Manager: Ashley Giovengo				City, State, Zip: Hobbs NM, 88240																							
Address: 3122 National Parks Hwy				Phone: (575)748-1838																							
City, State, Zip: Carlsbad NM, 88220				Email: dale.woodall@dnv.com																							
Phone: 575-988-0055				Miscellaneous: Dale Woodall																							
Email: agiovengo@ensolum.com																											
Sample Information										Analysis and Method										EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks				
9:45	6/6/2024	Soil	1	BH01 - 0'		1						X															
10:20	6/6/2024	Soil	1	BH01 - 2'		2						X															
CW																											
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dnv.com, chamilton@ensolum.com, iestrella@ensolum.com																											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																											
Sampled by: _____																											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.															
[Signature]		6-6-24		12:35		Michelle Gonzales		6-7-24		1000		<div>Lab Use Only</div> <div>Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N</div> <div>T1 _____ T2 _____ T3 _____</div> <div>AVG Temp °C 4</div>															
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
[Signature]		6-7-24		1800		[Signature]		6-7-24		1800																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
[Signature]		6-8-24		0200		Rana Semp		6/10/24		6:05																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											



Envirotech Analytical Laboratory

Printed: 6/10/2024 9:09:20AM

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:	06/10/24 06:15	Work Order ID:	E406074
Phone:	(505) 382-1211	Date Logged In:	06/10/24 07:40	Logged In By:	Raina Schwanz
Email:	ashley.giovengo@wescominc.com	Due Date:	06/14/24 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Sampler listed on samples, but not on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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

QUESTIONS

Action 348413

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348413
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410655775
Incident Name	NAPP2410655775 COTTON DRAW UNIT 26 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2220029190] COTTON DRAW UNIT 26 CTB 2

Location of Release Source	
Site Name	COTTON DRAW UNIT 26 CTB 2
Date Release Discovered	04/15/2024
Surface Owner	Federal

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	5,000
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	05/31/2024
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Ensolum 575-706-5056
Please provide any information necessary for navigation to liner inspection site	32.1927117 -103.748724

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CONDITIONS

Action 348413

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348413
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	5/28/2024

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QUESTIONS

Action 364289

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 364289
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410655775
Incident Name	NAPP2410655775 COTTON DRAW UNIT 26 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2220029190] COTTON DRAW UNIT 26 CTB 2

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW UNIT 26 CTB 2
Date Release Discovered	04/15/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 33 BBL Recovered: 33 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	There was a pin hole on the swedge connected to a water transfer pump. pump was turned off and isolated to stop the leak. 33.3 bbls released into lined containment. 33 bbls recovered

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QUESTIONS, Page 2

Action 364289

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364289
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 07/16/2024
--	--

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QUESTIONS, Page 3

Action 364289

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	364289
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	5830
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	9740
GRO+DRO (EPA SW-846 Method 8015M)	4870
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	06/06/2024
On what date will (or did) the final sampling or liner inspection occur	06/06/2024
On what date will (or was) the remediation complete(d)	06/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	5011
What is the estimated volume (in cubic yards) that will be reclaimed	371
What is the estimated surface area (in square feet) that will be remediated	5011
What is the estimated volume (in cubic yards) that will be remediated	371
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 364289

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364289
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	impacted soils were discovered beneath the lined containment. deferral is requested

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 07/16/2024
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 364289

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	364289
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	impacted soils were encountered below the lined containment. containment contains production tanks, piping, pumps and more.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	5011
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	371
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	COTTON DRAW UNIT 26 CTB 2 [fAPP2220029190]
Enter the well API (30-) on which this deferral should be granted	30-015-48562 COTTON DRAW UNIT #522H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 07/16/2024

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

QUESTIONS, Page 6
Action 364289

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 364289
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 364289

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 364289
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Devon's deferral requests final remediation for (Incident Number NAPP2410655775) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and Devon do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The areas requested for deferral are located immediately beneath the lined containment and active production equipment, which include sample area (BH01). At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	8/1/2024