Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1922527739
District RP	
Facility ID	
Application ID	

Closure

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

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

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection

[X] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 11/15/2022

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Robert Hamlet Date: 8/2/2023

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

Closure Approved by: Robert Hamlet Date: 8/2/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAB1922527739
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	180 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

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Printed Name: Dale Woodall Title: Env Professional

Signature: Dale Woodall Date: 3/21/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 03/21/2023

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1922527739
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Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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Signature: Dale Woodall Date: 11/15/2022

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OCD Only

Received by: Jocelyn Harimon Date: 03/21/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

talonlpe.com • 866.742.0742

TALON LPE

Liner Inspection and Closure Report

Beetle Juice 19 Fed 1 Central Tank Battery
Eddy County, New Mexico
*2RP-4562, *2RP-5578
Talon Project #700794.321.01

Prepared For:

Devon Energy Production Company
6488 Seven Rivers Hwy
Artesia, NM 88210

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, New Mexico 88210

March 26, 2020

Mr. Jim Amos
Bureau of Land Management
620 East Green Street
Carlsbad, NM 88220

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

Subject: **Liner Inspection and Closure Report**
Beetle Juice 19 Fed 1 Central Tank Battery
Eddy County, New Mexico
*2RP-4562, *2RP-5578

Dear Mr. Amos & Mr. Bratcher,

Devon Energy Production Company (Devon Energy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The incident descriptions, soil sampling results, liner inspection, and closure requests are presented herein.

Site Information

The Beetle Juice 19 Fed 1 CTB is located approximately twenty-five (25) miles northeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter A, Section 19, Township 19 South and Range 31 East in Eddy County, New Mexico. More specifically, the latitude and longitude for the release are 32.65166 North and -103.90142 West. A Site Map is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Berino loamy fine sand, 0 to 3 percent slopes. See Appendix II for the referenced soil survey. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of eolian and piedmont deposits. Drainage courses in this area are well-drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 180-feet below ground surface (BGS). See Appendix II for the referenced groundwater depth. This site is located within a low potential Karst area.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approximate Depth to Groundwater	**180 Feet/BGS**
☐Yes ☒No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
☐Yes ☒No	Within 200 feet of any lakebed, sinkhole or a playa lake
☐Yes ☒No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
☐Yes ☒No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
☐Yes ☒No	Within 1000 feet of any freshwater well or spring
☐Yes ☒No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
☐Yes ☒No	Within 300 feet of a wetland
☐Yes ☒No	Within the area overlying a subsurface mine
☐Yes ☒No	Within an unstable area
☐Yes ☒No	Within a 100-year floodplain

Because the release did not occur in any of these areas and the depth to groundwater is greater than 100-feet in-depth, based on the site characterization data, the cleanup criteria for this site are as follows.

Table I
Closure Criteria for Soils Impacted by a Release

Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
>100 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

*2RP-4562 On November 4, 2017, a pinhole was discovered in the produced water flowline resulting in a release of approximately 25 barrels (bbls) of produced water. All fluids stayed inside the engineered lined battery, and 25 bbls of produced water were recovered. The site map is presented in Appendix I.

*2RP-5578 On June 20, 2019, the water tank developed a hole resulting in a release of 200 bbls of produced water. All fluids stayed inside the engineered lined battery, and the 200 bbls of produced water were recovered.

On February 17, 2020, an email was sent to the BLM, NMOCD, and Devon Energy, giving all parties notification that we would be onsite on the 19th to conduct a liner inspection and obtain background samples.

On February 19, 2020, Talon mobilized personnel to the site and conducted the liner inspection, taking photos for the record. Background samples around the battery were collected to ensure the integrity of the liner was not breached. Sample locations are shown on the attached site plan, and the results of our sampling event are presented in the following data table.

Soil Sampling

2-19-20 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1000 mg/kg			2500 mg/kg	20,000 mg/kg
N. Composite	2/19/2020	0	ND	ND	ND	69	200	269	1700
W. Composite #1		0	ND	ND	ND	180	320	500	15000
S. Composite #1		0	ND	ND	ND	85	450	535	1600
E. Composite		0	ND	ND	ND	ND	ND	ND	1500
W. Composite #2		0	ND	ND	ND	ND	ND	ND	1500
S. Composite #2		0	ND	ND	ND	63	180	243	2600

ND-Analyte Not Detected

See Appendix V for the complete report of laboratory results.

Closure

Based on this site characterization, liner inspection, and analytical results, we request that no further actions be required, and that closure with regard to the attached incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

TALON/LPE

Chris Jones
Project Manager

Attachments:

Appendix I	Site Maps, Karst Map, TOPO Map & Location Map
Appendix II	Groundwater Data, FEMA Flood Zone, Soil Survey
Appendix III	Initial and Final C-141's
Appendix IV	Photographic Documentation
Appendix V	Laboratory Results

APPENDIX I

SITE MAP

KARST MAP

TOPO MAP

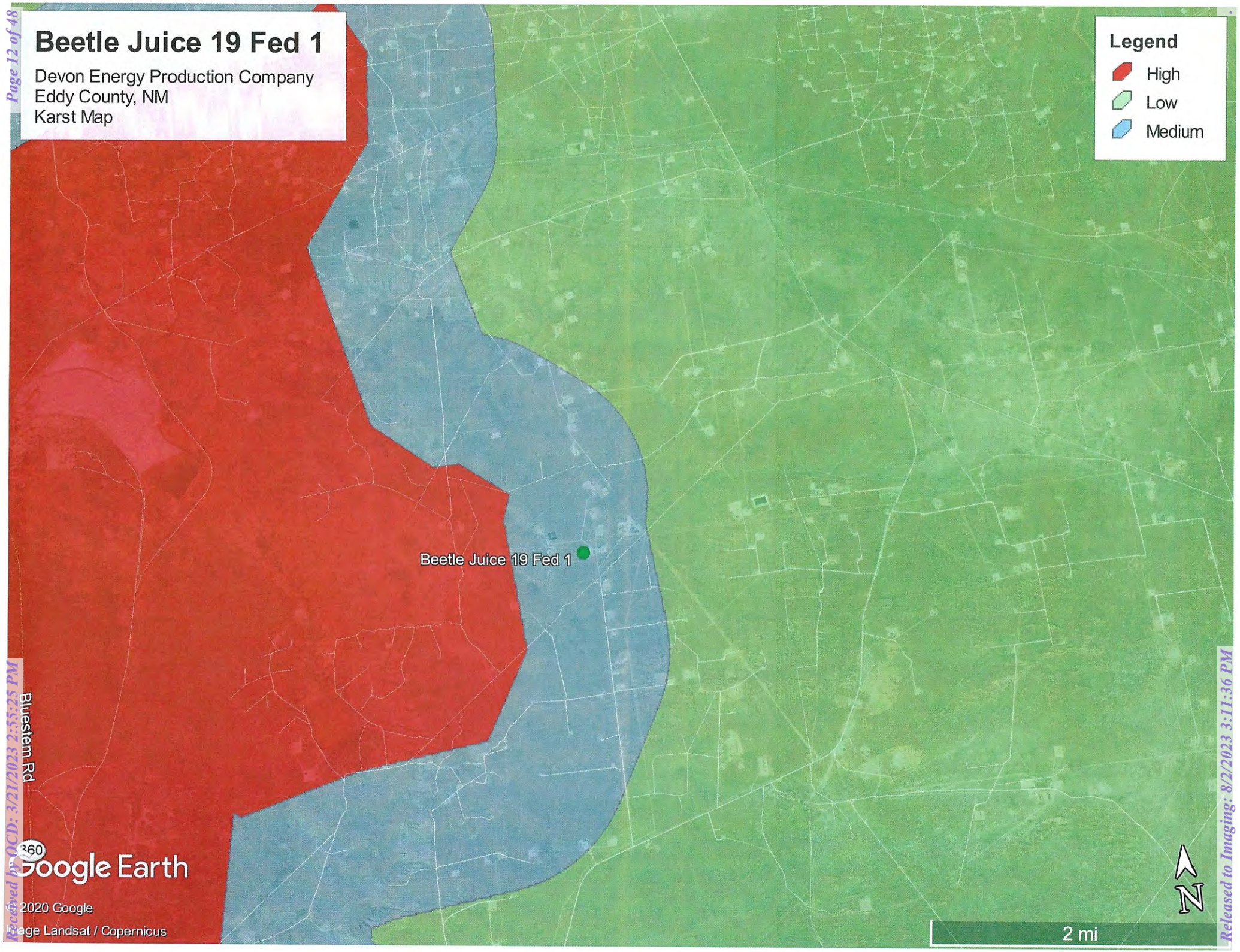
LOCATION MAP

Beetle Juice 19 Fed 1H Battery

Devon Energy Production Company
API 30-015-38484
Eddy County, NM
Site Map

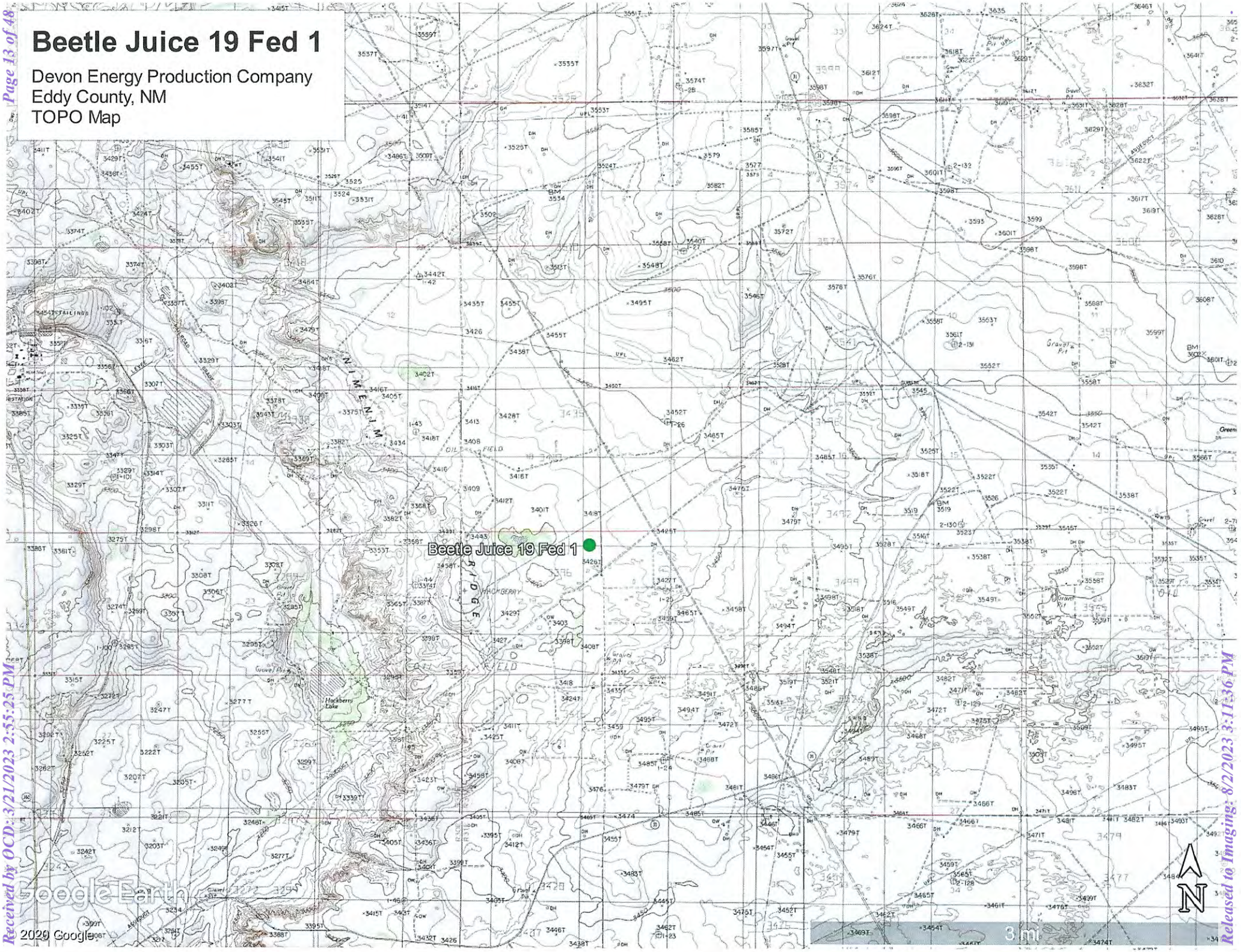
Beetle Juice 19 Fed 1

Devon Energy Production Company
Eddy County, NM
Karst Map



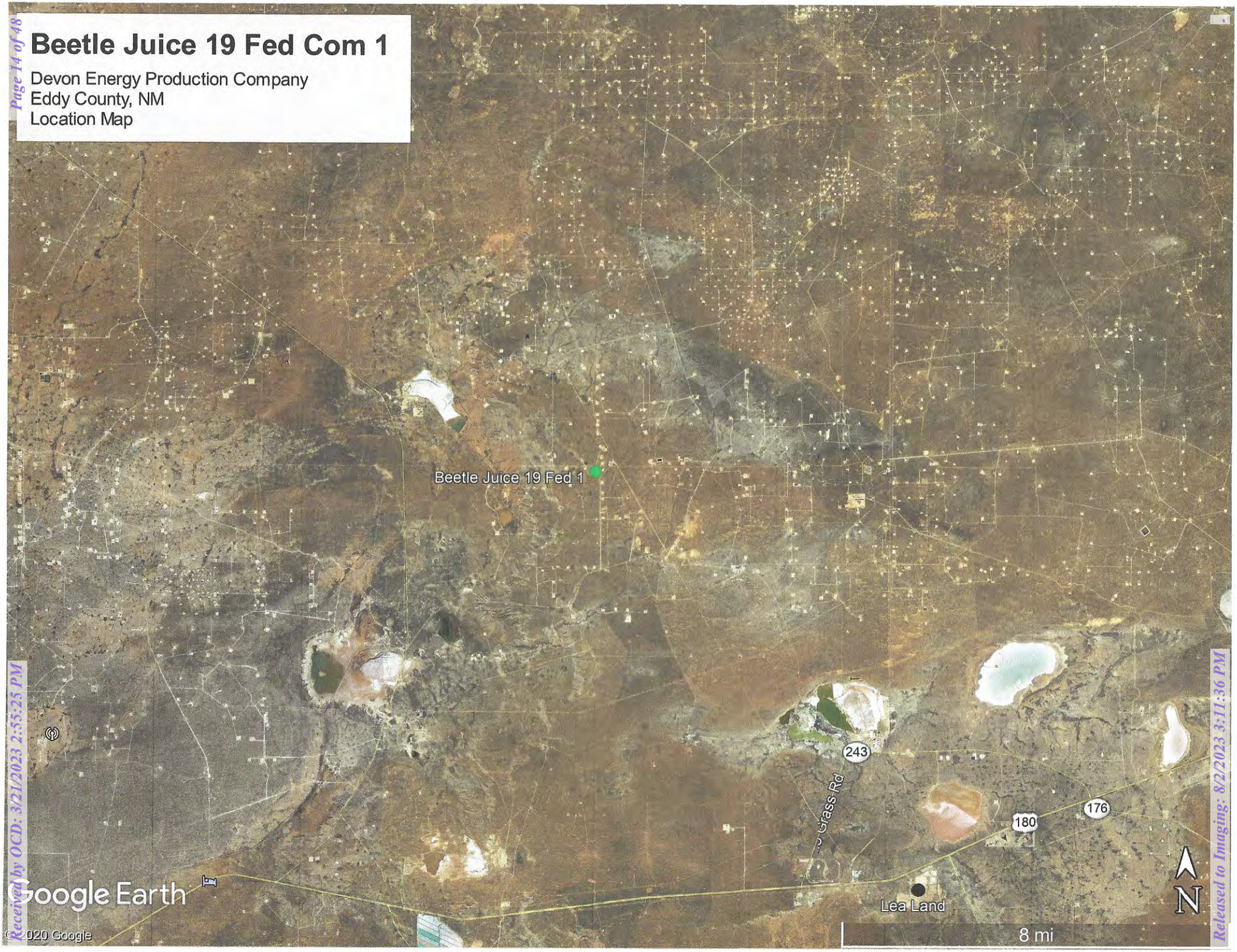
Beetle Juice 19 Fed 1

Devon Energy Production Company
Eddy County, NM
TOPO Map



Beetle Juice 19 Fed Com 1

Devon Energy Production Company
Eddy County, NM
Location Map



APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00873 POD1		CP	LE	1	1	19	19S	31E	601772	3613147*		1258	340	180	160

Average Depth to Water: **180 feet**

Minimum Depth: **180 feet**

Maximum Depth: **180 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 603029.774 **Northing (Y):** 3613192.966 **Radius:** 2000

***UTM location was derived from PLSS - see Help**

3/2/20 1:51 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Fan piedmonts, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand
H2 - 12 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B

Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Minor Components

Pajarito
Percent of map unit: 1 percent
Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 15, Sep 15, 2019

National Flood Hazard Layer FIRMette

FEMA

Legend

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/13/2020 at 12:47:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

APPENDIX III

INITIAL C-141

&

FINAL C-141

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

State of New Mexico
Energy Minerals and Natural Resources

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

Received on 11/17/17 OCD District II

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nAB1801736029AL0

Initial only

OPERATOR

☒ Initial Report ☒ ~~Final Report~~

Name of Company Devon Energy Production Company 6137	Contact Wesley Ryan, Production Foreman
Address 6488 Seven Rivers Hwy, Artesia NM 88210	Telephone No. 575-390-5436
Facility Name Beetle Juice 19 Federal 1	Facility Type Oil

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-38484

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	19	19S	31E					Eddy

Latitude 32.65166 **Longitude** -103.90142 NAD83

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 25BBLS	Volume Recovered 25BBLS
Source of Release Flowline	Date and Hour of Occurrence 11/4/2017 @12:00PM MST	Date and Hour of Discovery 11/4/2017 @12:00PM MST
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? BLM- Shelly Tucker OCD-Mike Bratcher & Crystal Weaver	
By Whom? Leonard Aguilar, Assistant Production Foreman	Date and Hour BLM: 11/4/2017 @6:24 PM MST (via e-mail) OCD: 11/4/2017 @6:27 PM MST (via e-mail)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*
A pin hole was discovered on the produced water flowline resulting in a release of approximately 25BBL of produced water. All valves were shut in and the line was isolated to prevent any further release.

Describe Area Affected and Cleanup Action Taken.*
Approximately 25BBLs of produced water was released into the lined SPCC containment ring. A vacuum truck was dispatched and recovered approximately 25BBLS from the lined SPCC containment ring. All fluid stayed inside the lined SPCC containment. Once fluids were removed the liner was visually inspected by Devon field staff for any pinholes or punctures and none were found. Based on this inspection there is no evidence that the spill fluids left containment. No further action is necessary.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Dana DeLaRosa	OIL CONSERVATION DIVISION
Printed Name: Dana DeLaRosa	Approved by Environmental Specialist: Crystal Weaver
Title: Field Admin Support	Approval Date: 11/16/18 Expiration Date: N/A
E-mail Address: dana.delarosa@dvn.com	Conditions of Approval: See attached Attached ☒ 2RP-4562
Date: 11/17/2017 Phone: 575.746.5594	

* Attach Additional Sheets If Necessary

11/16/18 AB

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company Devon Energy Production Company	Contact Wesley Ryan, Production Foreman
Address 6488 Seven Rivers Hwy, Artesia NM 88210	Telephone No. 575-390-5436
Facility Name Beetle Juice 19 Federal 1	Facility Type Oil

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-38484

LOCATION OF RELEASE

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Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? BLM- Shelly Tucker OCD-Mike Bratcher & Crystal Weaver	
By Whom? Leonard Aguilar, Assistant Production Foreman	Date and Hour BLM: 11/4/2017 @6:24 PM MST (via e-mail) OCD: 11/4/2017 @6:27 PM MST (via e-mail)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*
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Describe Area Affected and Cleanup Action Taken.*
Approximately 25BBLs of produced water was released into the lined SPCC containment ring. A vacuum truck was dispatched and recovered approximately 25BBLS from the lined SPCC containment ring. All fluid stayed inside the lined SPCC containment. Once fluids were removed the liner was visually inspected by Devon field staff for any pinholes or punctures and none were found. Based on this inspection there is no evidence that the spill fluids left containment. No further action is necessary.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Dana DeLaRosa	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Dana DeLaRosa		
Title: Field Admin Support	Approval Date:	Expiration Date:
E-mail Address: dana.delarosa@dvn.com	Conditions of Approval:	Attached ☐
Date: 11/17/2017 Phone: 575.746.5594		

* Attach Additional Sheets If Necessary

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAB1922527739
District RP	2RP-5578
Facility ID	
Application ID	pAB1922527502

Release Notification ISE4N-190730-C-1410

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Amanda T. Davis	Contact Telephone 575-748-0176
Contact email amanda.davis@dvn.com	Incident # *(assigned by OCD)* NAB1922527739
Contact mailing address 6488 Seven Rivers HWY	

Location of Release Source

Latitude 32.652100 Longitude -103.901200
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Beetle Juice 19 1 Battery **	Site Type ** Oil AB
Date Release Discovered 6/20/2019	API# *(if applicable)* **30-015-38484 AB

Unit Letter	Section	Township	Range	County
A	19	19S	31E	Eddy

Surface Owner: ☐ State ■ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
■ Produced Water	Volume Released (bbls) 200	Volume Recovered (bbls) 200
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release The water tank developed a hole causing leak in containment. Spill area 30'x150'x4"

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAB1922527739
District RP	2RP-5578
Facility ID	
Application ID	pAB1922527502

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No XX YES, IT IS A MAJOR RELEASE.	If YES, for what reason(s) does the responsible party consider this a major release? This is considered a major release because it is over 25 BBLS.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was not given.	

Initial Response

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

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

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Kendra DeHoyos Title: EHS Associate

Signature: Kendra DeHoyos Date: 7/3/2019

email: kendra.dehoyos@dvn.com Telephone: 575-748-3371

OCD Only

Received by: Amalia Bustamante Date: 8/12/2019

State of New Mexico
Oil Conservation Division

Incident ID	nAB1922527739
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	180 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAB1922527739
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Env Professional

Signature: Dale Woodall Date: 3/21/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Incident ID	nAB1922527739
District RP	
Facility ID	
Application ID	

Closure

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

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

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection

[X] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 11/15/2022

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

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

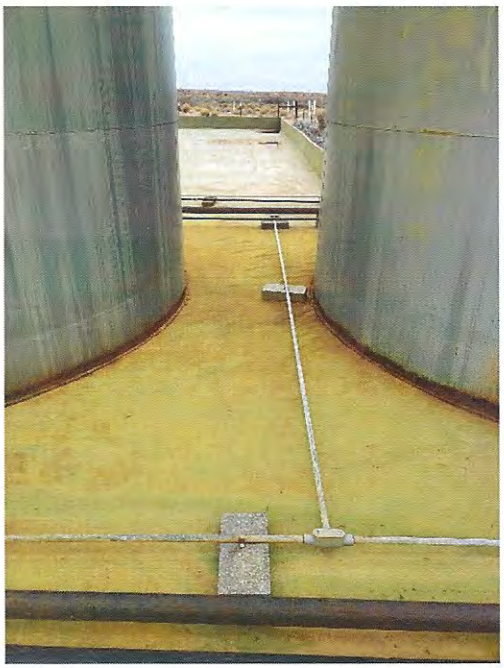
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

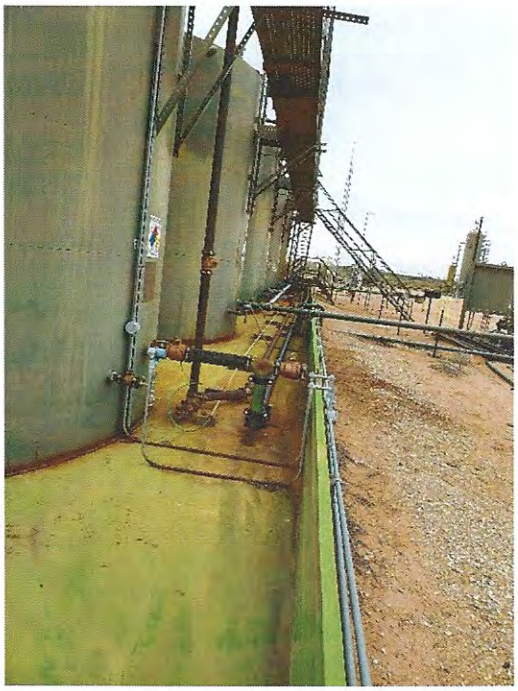
APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

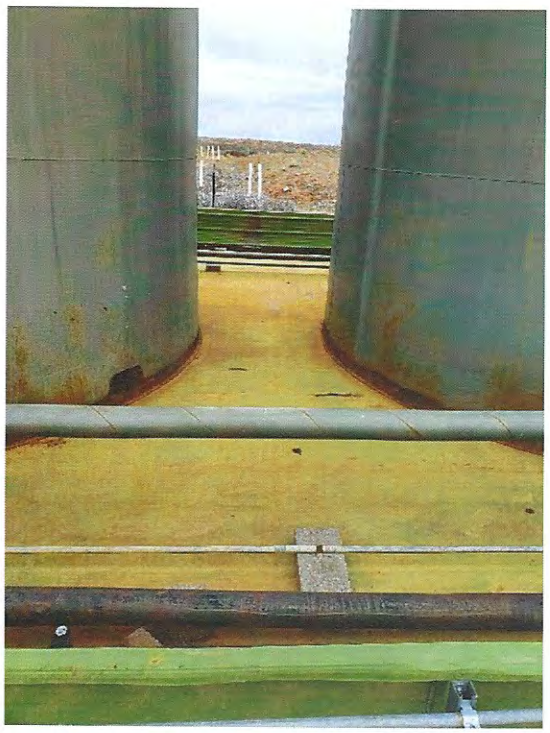
Liner Inspection Photographs

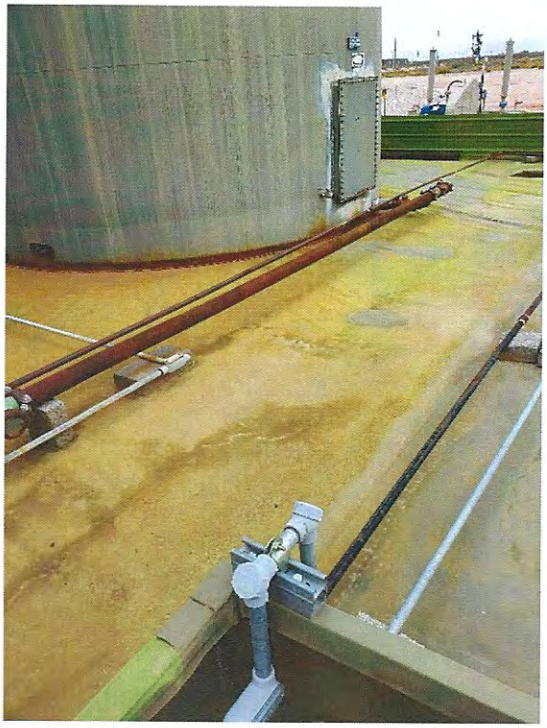


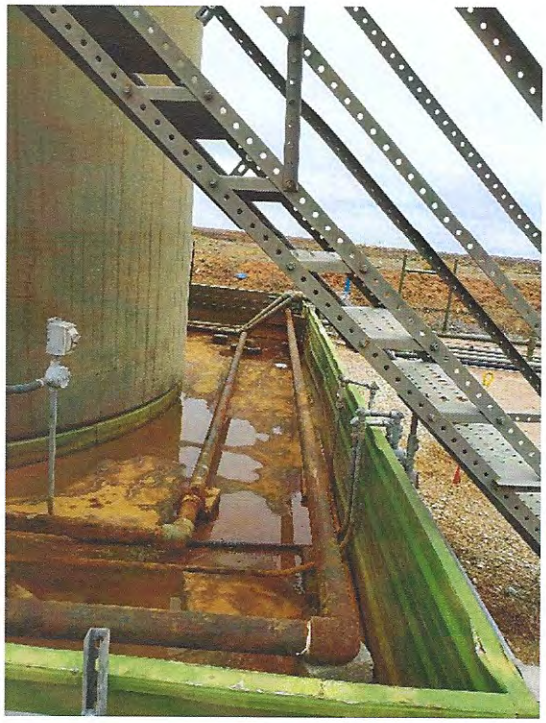
Liner Inspection Photographs



Liner Inspection Photographs







Liner Inspection Photographs

Liner Inspection Photographs

APPENDIX V

LABORATORY DATA

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 02, 2020

Chris Jones
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Beetle Juice 19 Feb 1 CTB OrderNo.: 2002983

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 6 sample(s) on 2/22/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

CLIENT: Talon Artesia
Project: Beetle Juice 19 Feb 1 CTB
Lab ID: 2002983-001 **Matrix:** SOIL

Client Sample ID: N. Comp
Collection Date: 2/19/2020 2:35:00 PM
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1700	60		mg/Kg	20	2/26/2020 8:08:59 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/25/2020 9:15:05 PM	50636
Surr: BFB	99.0	70-130		%Rec	1	2/25/2020 9:15:05 PM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	69	18		mg/Kg	2	2/28/2020 11:38:19 AM	50644
Motor Oil Range Organics (MRO)	200	88		mg/Kg	2	2/28/2020 11:38:19 AM	50644
Surr: DNOP	136	55.1-146		%Rec	2	2/28/2020 11:38:19 AM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	2/25/2020 9:15:05 PM	50636
Toluene	ND	0.050		mg/Kg	1	2/25/2020 9:15:05 PM	50636
Ethylbenzene	ND	0.050		mg/Kg	1	2/25/2020 9:15:05 PM	50636
Xylenes, Total	ND	0.10		mg/Kg	1	2/25/2020 9:15:05 PM	50636
Surr: 1,2-Dichloroethane-d4	82.1	70-130		%Rec	1	2/25/2020 9:15:05 PM	50636
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	2/25/2020 9:15:05 PM	50636
Surr: Dibromofluoromethane	90.1	70-130		%Rec	1	2/25/2020 9:15:05 PM	50636
Surr: Toluene-d8	99.6	70-130		%Rec	1	2/25/2020 9:15:05 PM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Beetle Juice 19 Feb 1 CTB
Lab ID: 2002983-002 **Matrix:** SOIL

Client Sample ID: W. Comp-1
Collection Date: 2/19/2020 2:40:00 PM
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	15000	600		mg/Kg	200	2/27/2020 2:41:07 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/25/2020 9:43:42 PM	50636
Surr: BFB	97.4	70-130		%Rec	1	2/25/2020 9:43:42 PM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	180	19		mg/Kg	2	2/28/2020 12:02:01 PM	50644
Motor Oil Range Organics (MRO)	320	97		mg/Kg	2	2/28/2020 12:02:01 PM	50644
Surr: DNOP	147	55.1-146	S	%Rec	2	2/28/2020 12:02:01 PM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	2/25/2020 9:43:42 PM	50636
Toluene	ND	0.049		mg/Kg	1	2/25/2020 9:43:42 PM	50636
Ethylbenzene	ND	0.049		mg/Kg	1	2/25/2020 9:43:42 PM	50636
Xylenes, Total	ND	0.098		mg/Kg	1	2/25/2020 9:43:42 PM	50636
Surr: 1,2-Dichloroethane-d4	84.2	70-130		%Rec	1	2/25/2020 9:43:42 PM	50636
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	2/25/2020 9:43:42 PM	50636
Surr: Dibromofluoromethane	88.2	70-130		%Rec	1	2/25/2020 9:43:42 PM	50636
Surr: Toluene-d8	100	70-130		%Rec	1	2/25/2020 9:43:42 PM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Beetle Juice 19 Feb 1 CTB
Lab ID: 2002983-003 **Matrix:** SOIL

Client Sample ID: S. Comp-1
Collection Date: 2/19/2020 2:45:00 PM
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1600	60		mg/Kg	20	2/26/2020 9:23:07 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/25/2020 10:12:38 PM	50636
Surr: BFB	102	70-130		%Rec	1	2/25/2020 10:12:38 PM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	85	45		mg/Kg	5	2/28/2020 12:25:46 PM	50644
Motor Oil Range Organics (MRO)	450	220		mg/Kg	5	2/28/2020 12:25:46 PM	50644
Surr: DNOP	127	55.1-146		%Rec	5	2/28/2020 12:25:46 PM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.024		mg/Kg	1	2/25/2020 10:12:38 PM	50636
Toluene	ND	0.047		mg/Kg	1	2/25/2020 10:12:38 PM	50636
Ethylbenzene	ND	0.047		mg/Kg	1	2/25/2020 10:12:38 PM	50636
Xylenes, Total	ND	0.095		mg/Kg	1	2/25/2020 10:12:38 PM	50636
Surr: 1,2-Dichloroethane-d4	85.4	70-130		%Rec	1	2/25/2020 10:12:38 PM	50636
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	2/25/2020 10:12:38 PM	50636
Surr: Dibromofluoromethane	93.5	70-130		%Rec	1	2/25/2020 10:12:38 PM	50636
Surr: Toluene-d8	105	70-130		%Rec	1	2/25/2020 10:12:38 PM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

CLIENT: Talon Artesia
Project: Beetle Juice 19 Feb 1 CTB
Lab ID: 2002983-004 **Matrix:** SOIL

Client Sample ID: W. Comp-2
Collection Date: 2/19/2020 2:50:00 PM
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1500	60		mg/Kg	20	2/26/2020 9:35:28 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/26/2020 1:05:15 AM	50636
Surr: BFB	100	70-130		%Rec	1	2/26/2020 1:05:15 AM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/26/2020 10:22:20 PM	50644
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/26/2020 10:22:20 PM	50644
Surr: DNOP	137	55.1-146		%Rec	1	2/26/2020 10:22:20 PM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	2/26/2020 1:05:15 AM	50636
Toluene	ND	0.050		mg/Kg	1	2/26/2020 1:05:15 AM	50636
Ethylbenzene	ND	0.050		mg/Kg	1	2/26/2020 1:05:15 AM	50636
Xylenes, Total	ND	0.10		mg/Kg	1	2/26/2020 1:05:15 AM	50636
Surr: 1,2-Dichloroethane-d4	88.2	70-130		%Rec	1	2/26/2020 1:05:15 AM	50636
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	2/26/2020 1:05:15 AM	50636
Surr: Dibromofluoromethane	99.4	70-130		%Rec	1	2/26/2020 1:05:15 AM	50636
Surr: Toluene-d8	99.2	70-130		%Rec	1	2/26/2020 1:05:15 AM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S. Comp-2
Project: Beetle Juice 19 Feb 1 CTB
Collection Date: 2/19/2020 2:55:00 PM
Lab ID: 2002983-005 **Matrix:** SOIL
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2600	150		mg/Kg	50	2/27/2020 2:53:28 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/26/2020 1:33:54 AM	50636
Surr: BFB	101	70-130		%Rec	1	2/26/2020 1:33:54 AM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	63	9.6		mg/Kg	1	2/28/2020 12:49:31 PM	50644
Motor Oil Range Organics (MRO)	180	48		mg/Kg	1	2/28/2020 12:49:31 PM	50644
Surr: DNOP	114	55.1-146		%Rec	1	2/28/2020 12:49:31 PM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.023		mg/Kg	1	2/26/2020 1:33:54 AM	50636
Toluene	ND	0.047		mg/Kg	1	2/26/2020 1:33:54 AM	50636
Ethylbenzene	ND	0.047		mg/Kg	1	2/26/2020 1:33:54 AM	50636
Xylenes, Total	ND	0.094		mg/Kg	1	2/26/2020 1:33:54 AM	50636
Surr: 1,2-Dichloroethane-d4	82.3	70-130		%Rec	1	2/26/2020 1:33:54 AM	50636
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/26/2020 1:33:54 AM	50636
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	2/26/2020 1:33:54 AM	50636
Surr: Toluene-d8	101	70-130		%Rec	1	2/26/2020 1:33:54 AM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2002983**
Date Reported: **3/2/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Beetle Juice 19 Feb 1 CTB
Lab ID: 2002983-006 **Matrix:** SOIL

Client Sample ID: E. Comp
Collection Date: 2/19/2020 3:00:00 PM
Received Date: 2/22/2020 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1200	60		mg/Kg	20	2/26/2020 10:00:10 PM	50702
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/26/2020 2:02:31 AM	50636
Surr: BFB	103	70-130		%Rec	1	2/26/2020 2:02:31 AM	50636
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**	
Diesel Range Organics (DRO)	51	9.4		mg/Kg	1	2/28/2020 1:13:17 PM	50644
Motor Oil Range Organics (MRO)	190	47		mg/Kg	1	2/28/2020 1:13:17 PM	50644
Surr: DNOP	127	55.1-146		%Rec	1	2/28/2020 1:13:17 PM	50644
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	0.024		mg/Kg	1	2/26/2020 2:02:31 AM	50636
Toluene	ND	0.049		mg/Kg	1	2/26/2020 2:02:31 AM	50636
Ethylbenzene	ND	0.049		mg/Kg	1	2/26/2020 2:02:31 AM	50636
Xylenes, Total	ND	0.097		mg/Kg	1	2/26/2020 2:02:31 AM	50636
Surr: 1,2-Dichloroethane-d4	83.1	70-130		%Rec	1	2/26/2020 2:02:31 AM	50636
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	2/26/2020 2:02:31 AM	50636
Surr: Dibromofluoromethane	93.4	70-130		%Rec	1	2/26/2020 2:02:31 AM	50636
Surr: Toluene-d8	101	70-130		%Rec	1	2/26/2020 2:02:31 AM	50636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2002983**

02-Mar-20

Client: Talon Artesia

Project: Beetle Juice 19 Feb 1 CTB

Sample ID: **MB-50702**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **50702**	RunNo: **66815**							
Prep Date: **2/26/2020**	Analysis Date: **2/26/2020**	SeqNo: **2298468**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-50702**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **50702**	RunNo: **66815**							
Prep Date: **2/26/2020**	Analysis Date: **2/26/2020**	SeqNo: **2298469**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2002983

02-Mar-20

Client: Talon Artesia

Project: Beetle Juice 19 Feb 1 CTB

Sample ID: **LCS-50644** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **50644** RunNo: **66811**

Prep Date: **2/25/2020** Analysis Date: **2/26/2020** SeqNo: **2298163** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	110	70	130			
Surr: DNOP	4.9		5.000		98.3	55.1	146			

Sample ID: **MB-50644** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **50644** RunNo: **66811**

Prep Date: **2/25/2020** Analysis Date: **2/26/2020** SeqNo: **2298164** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		115	55.1	146			

Sample ID: **MB-50766** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **50766** RunNo: **66883**

Prep Date: **2/28/2020** Analysis Date: **2/28/2020** SeqNo: **2302390** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.7		10.00		86.6	55.1	146			

Sample ID: **LCS-50766** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **50766** RunNo: **66883**

Prep Date: **2/28/2020** Analysis Date: **2/28/2020** SeqNo: **2302393** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.2		5.000		85.0	55.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2002983

02-Mar-20

Client: Talon Artesia

Project: Beetle Juice 19 Feb 1 CTB

Sample ID: **mb-50636**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS**	Batch ID: **50636**	RunNo: **66802**
Prep Date: **2/24/2020**	Analysis Date: **2/25/2020**	SeqNo: **2297048** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.40		0.5000		80.8	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		101	70	130			
Surr: Dibromofluoromethane	0.43		0.5000		85.8	70	130			
Surr: Toluene-d8	0.50		0.5000		99.6	70	130			

Sample ID: **lcs-50636**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **LCSS**	Batch ID: **50636**	RunNo: **66802**
Prep Date: **2/24/2020**	Analysis Date: **2/25/2020**	SeqNo: **2297050** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.025	1.000	0	80.9	70	130			
Toluene	0.97	0.050	1.000	0	96.6	70	130			
Surr: 1,2-Dichloroethane-d4	0.41		0.5000		82.7	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		102	70	130			
Surr: Dibromofluoromethane	0.44		0.5000		88.7	70	130			
Surr: Toluene-d8	0.50		0.5000		100	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2002983

02-Mar-20

Client: Talon Artesia

Project: Beetle Juice 19 Feb 1 CTB

Sample ID: **mb-50636**	SampType: **MBLK**			TestCode: **EPA Method 8015D Mod: Gasoline Range**					
Client ID: **PBS**	Batch ID: **50636**			RunNo: **66802**					
Prep Date: **2/24/2020**	Analysis Date: **2/25/2020**			SeqNo: **2297075**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	510		500.0		101	70	130			

Sample ID: **lcs-50636**	SampType: **LCS**			TestCode: **EPA Method 8015D Mod: Gasoline Range**					
Client ID: **LCSS**	Batch ID: **50636**			RunNo: **66802**					
Prep Date: **2/24/2020**	Analysis Date: **2/25/2020**			SeqNo: **2297076**		Units: **mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.5	70	130			
Surr: BFB	510		500.0		103	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 2002983 RcptNo: 1

Received By: Yazmine Garduno 2/22/2020 9:05:00 AM

Completed By: Yazmine Garduno 2/22/2020 12:35:41 PM

Reviewed By: JR 2/24/20

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: YB 2/24/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.2	Good				

Chain-of-Custody Record

Client: TALON LPE

Mailing Address: 408. W. TEXAS AVE

Phone #: 575-746-8768

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: BEETLE JUICE 19 FED 1 CTB

Project #: T00794.321.01

Project Manager: CHRIS JONES

Sampler: MICHAEL COLLIER

On Ice: ☐ Yes ☐ No

# of Coolers: 2 / 5.2 / 5.2

Cooler Temp (including CF): ~~2.6-0=2.6~~ 1.0 ~~0.1-0=0.1~~ 2/22/20

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2002483	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	TOTAL CHLORIDES
2-19-20	2:35pm	SOIL	N. COMP	GLASS 1	ICE/COLD	-001	✓	✓									✓
	2:40pm		W. COMP - 1			-002											
	2:45pm		S. COMP - 1			-003											
	2:50pm		W. COMP - 2			-004											
	2:55pm		S. COMP - 2			-005											
	3:00pm	SOIL	E. COMP	GLASS 1	ICE/COLD	-006	✓	✓									✓

Date	Time	Relinquished by:	Received by:	Via:	Date Time
2/20/20	1500				2/20/20 1500
2/20/20	1900			~~Courier~~	~~2/21/20 8:00~~ 2/22/20

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ipu courier 2/22/20 0105

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

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

CONDITIONS

Action 199463

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 199463
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAB1922527739 BEETLE JUICE 19 FEDERAL #001H, thank you. This closure is approved.	8/2/2023