

Incident ID	NAPP2103332595
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?	285' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Oil Conservation Division

Incident ID	NAPP2103332595
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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: 10/24/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 10/31/2022

Incident ID	NAPP2103332595
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 10/24/2022
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/31/2022

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



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

September 15, 2022

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

**Re: Closure Report
Rio Blanco 4 CTB 1
Devon Energy Production Company
Site Location: Unit E, S4-T23S-R34E
(Lat 32.334461, Long -103.482368)
Lea County, New Mexico
Incident ID: nAPP2103332595**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the liner inspection activities at the Rio Blanco 4 CTB 1 (Site) location. The Site is located in Lea County approximately 19 miles southeast of Eunice, New Mexico (Figures 1 and 2).

Background

Based on the Release Notification Form C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 19, 2021. The release was the result of skim tank overflow. The release occurred within the tank battery and all released fluids were contained within the lined secondary containment. The leak resulted in the release of approximately 24.42 barrels (bbls) of produced water of which 24.42 (bbls) was recovered. The Release Notification Form C-141 form is attached.

Site Characterization

The Site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and United State Geological Survey (USGS) databases, there is one water well within a half mile radius of the Site. The well was drilled in 2019 and is located approximately 0.40 miles southeast of the Site in Section 04, T23S, R34E. The well has a reported depth to groundwater of 285 feet below ground surface (ft bgs).

Review of USGS topographic map (Figure 2) and National Flood Hazard Layer (NFHL) data identified no significant watercourse within a half mile of the Site.

A copy of the site characterization documentation and the associated NMOSE Point of Diversion Summary for the nearest water well is attached.

Mr. Mike Bratcher
September 15, 2022
Page 2 of 2

Regulatory Criteria

In accordance with Table I Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12), the following Closure Criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH (GRO + DRO + MRO): 100 mg/kg.
- Chloride: 600 mg/kg.

Liner Inspection

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

Conclusions

Based on the finding of the liner inspection, no further actions are required at the Site. The Site Assessment/Characterization and Closure portions of Form C-141 is attached and Devon formally requests a no further action designation for the release. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

Release Notification, Site Assessment/Characterization, and Closure portions of
Form C-141
Site Characterization Documentation
Figures
Photographic Log
NMOCD 48-Hour Advance Notification

**RELEASE NOTIFICATION, SITE ASSESSMENT/CHARACTERIZATION,
AND CLOSURE PORTION OF FORM C-141**

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2103332595
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Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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Printed Name: _____ Title: _____ Signature: <u>Kendra DeHoyos</u> Date: _____ email: _____ Telephone: _____
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>2/8/2021</u>

NAPP2103332595

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	60
Width(Ft)	40
Depth(in.)	1
Total Capacity without tank displacements (bbls)	35.62
No. of 500 bbl Tanks In Standing Fluid	4
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	24.42

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State of New Mexico
Oil Conservation Division

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 10/24/2022
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2103332595
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Closure

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

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 10/24/2022
 email: dale.woodall@dvn.com Telephone: 575-748-1838

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: Jennifer Nobui Date: 12/08/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

Incident ID	NAPP2103332595
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Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

SITE CHARACTERIZATION DOCUMENTATION

Devon Energy - Rio Blanco 4 CTB 1
Sec 04 T23S R34E Unit E
32.334461, -103.482368
Lea County, New Mexico

Site Characterization

-1 water feature within specified distances of 1/2 mile radius, drilled within 25 years

-Low Karst

-USGS Groundwater is 328.93' below surface, 1.78 miles Southwest of the site, 1986 Drilled, Section 07, T23S, R34E

-USGS Groundwater is 345.30' below surface, 2.50 miles South of the site, 1996 Drilled, Section 16, T23S, R34E

-NMSEO Groundwater is 300' below surface, .71 miles Southwest of the site, 2017 Drilled, Section 05, T23S, R34E

-NMSEO Groundwater is 285' below surface, .40 miles South of the site, 2019 Drilled, Section 04, T23S, R34E

RRALs due to insufficient *RECENT* groundwater data

-Chlorides 600 mg/kg

-TPH GRO+DRO+MRO 100 mg/kg


-BTEX 50 mg/kg

-Benzene 10 mg/kg

Low Karst

Devon Energy
Lea County, New Mexico
32.334461, -103.482368

Legend

-  LOW
-  Site Location



Google Earth









1 mi



Nearest Water Well

Devon Energy
Lea County, New Mexico
32.334461, -103.482368

Legend

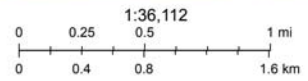
-  .40 Miles South
-  .71 Miles Southwest
-  1.78 Miles Southwest
-  1/2 Mile Radius
-  2.50 Miles South
-  NMSEO Water Well
-  Site Location
-  USGS Water Well



New Mexico NFHL Data



August 26, 2022



FEMA, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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

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



New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01622 POD1	1	3	3	04	23S	34E	642830	3577872

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION
Driller Name: BRYCE WALLACE
Drill Start Date: 09/20/2019 **Drill Finish Date:** 10/02/2019 **Plug Date:**
Log File Date: 10/17/2019 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 280 GPM
Casing Size: 9.70 **Depth Well:** 575 feet **Depth Water:** 285 feet

Water Bearing Stratifications:	Top	Bottom	Description
	150	470	Sandstone/Gravel/Conglomerate
	470	575	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	275	575

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

8/26/22 1:02 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01502 POD2	4	3	3	05	23S	34E	642074	3577676

Driller License: 1626	Driller Company: TAYLOR, ROY ALLEN	
Driller Name: TAYLOR, ROY A.		
Drill Start Date: 11/22/2017	Drill Finish Date: 12/09/2017	Plug Date:
Log File Date: 12/21/2017	PCW Rev Date: 02/07/2019	Source: Shallow
Pump Type: SUBMER	Pipe Discharge Size: 3	Estimated Yield: 100 GPM
Casing Size: 9.58	Depth Well: 680 feet	Depth Water: 300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	225	377	Sandstone/Gravel/Conglomerate
	391	478	Sandstone/Gravel/Conglomerate
	489	674	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	225	680

Meter Number: 17822	Meter Make: TURBINES INC
Meter Serial Number: 1721046	Meter Multiplier: 1.0000
Number of Dials: 7	Meter Type: Diversion
Unit of Measure: Barrels 42 gal.	Return Flow Percent:
Usage Multiplier:	Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
11/01/2018	2018	1187267	A	RPT	0
06/01/2020	2020	2859834	A	RPT	215.583
07/01/2020	2020	2926718	A	RPT	8.621
09/01/2020	2020	3051907	A	RPT Not an Approved Meter	16.136
10/01/2020	2020	3141874	A	RPT	11.596
11/01/2020	2020	3238147	A	RPT	12.409
12/01/2020	2020	3300990	A	RPT	8.100
01/01/2021	2020	3359045	A	RPT	7.483
02/01/2021	2021	3435195	A	RPT	9.815
03/01/2021	2021	3511183	A	RPT	9.794
07/01/2021	2021	3814277	A	ad	39.067
08/01/2021	2021	3882219	A	ad	8.757
09/01/2021	2021	3955833	A	ad	9.488
10/01/2021	2021	4032457	A	ad	9.876
11/01/2021	2021	4133346	A	ad	13.004
01/01/2022	2022	4316357	A	ad	23.589
04/01/2022	2022	4628229	A	ad	40.198
06/01/2022	2022	4812763	A	ad	23.785

**YTD Meter Amounts:	Year	Amount
	2018	0
	2020	279.928
	2021	99.801
	2022	87.572

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



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

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01622 POD1	CP	LE	1 3 3	04	23S	34E	642830	3577872	648	575	285	290			
CP 01502 POD2	CP	LE	4 3 3	05	23S	34E	642074	3577676	1135	680	300	380			
CP 01829 POD1	CP	LE	4 4 2	32	22S	34E	642559	3580172	1673	1410	1150	260			
CP 01705 POD1	CP	LE	4 4 2	32	22S	34E	642588	3580179	1676	700	305	395			
CP 01706 POD1	CP	LE	4 4 2	32	22S	34E	642603	3580185	1680	340	282	58			
CP 01502 POD1	CP	LE	4 3 3	05	23S	34E	641316	3577635	1756	648	200	448			
CP 01075 POD1	CP	LE	1 1 1	08	23S	34E	641278	3577525	1846	430	20	410			
CP 00872 POD1	CP	LE	1 1 1	08	23S	34E	641225	3577504*	1902	494	305	189			

Average Depth to Water: **355 feet**

Minimum Depth: **20 feet**

Maximum Depth: **1150 feet**

Record Count: 8

UTMNAD83 Radius Search (in meters):

Easting (X): 642832.85

Northing (Y): 3578521

Radius: 2000

*UTM location was derived from PLSS - see Help

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National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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- Attention current WaterAlert users: NextGen WaterAlert is replacing Legacy WaterAlert. You must take action before 9/30/2022 to retain your alerts. [Read more.](#)
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Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 321917103303001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321917103303001 23S.34E.06.43314

Lea County, New Mexico
 Latitude 32°19'17", Longitude 103°30'30" NAD27
 Land-surface elevation 3,480 feet above NAVD88
 The depth of the well is 640 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-06-11			D	62610	3139.47	NGVD29	1	Z			A
1968-06-11			D	62611	3141.10	NAVD88	1	Z			A
1968-06-11			D	72019	338.90		1	Z			A
1986-03-21			D	62610	3149.44	NGVD29	1	Z			A
1986-03-21			D	62611	3151.07	NAVD88	1	Z			A
1986-03-21			D	72019	328.93		1	Z			A

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

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

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

Page Last Modified: 2022-08-26 11:24:38 EDT

0.33 0.3 nadww01





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National Water Information System: Web Interface

USGS Water Resources

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Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321734103290001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321734103290001 23S.34E.16.333312

Lea County, New Mexico
Latitude 32°17'53", Longitude 103°28'59" NAD27
Land-surface elevation 3,478.00 feet above NGVD29
The depth of the well is 400 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1971-01-13			D	62610	3133.95	NGVD29	1	Z			A
1971-01-13			D	62611	3135.58	NAVD88	1	Z			A
1971-01-13			D	72019	344.05		1	Z			A
1976-12-16			D	62610	3130.62	NGVD29	1	Z			A
1976-12-16			D	62611	3132.25	NAVD88	1	Z			A
1976-12-16			D	72019	347.38		1	Z			A
1981-03-30			D	62610	3132.60	NGVD29	1	Z			A
1981-03-30			D	62611	3134.23	NAVD88	1	Z			A
1981-03-30			D	72019	345.40		1	Z			A
1986-03-21			D	62610	3130.20	NGVD29	1	Z			A
1986-03-21			D	62611	3131.83	NAVD88	1	Z			A
1986-03-21			D	72019	347.80		1	Z			A
1996-03-08			D	62610	3132.70	NGVD29	1	S			A
1996-03-08			D	62611	3134.33	NAVD88	1	S			A
1996-03-08			D	72019	345.30		1	S			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

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



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

Page Last Modified: 2022-08-26 11:38:45 EDT

0.27 0.23 nadww01



National Water Information System: Mapper

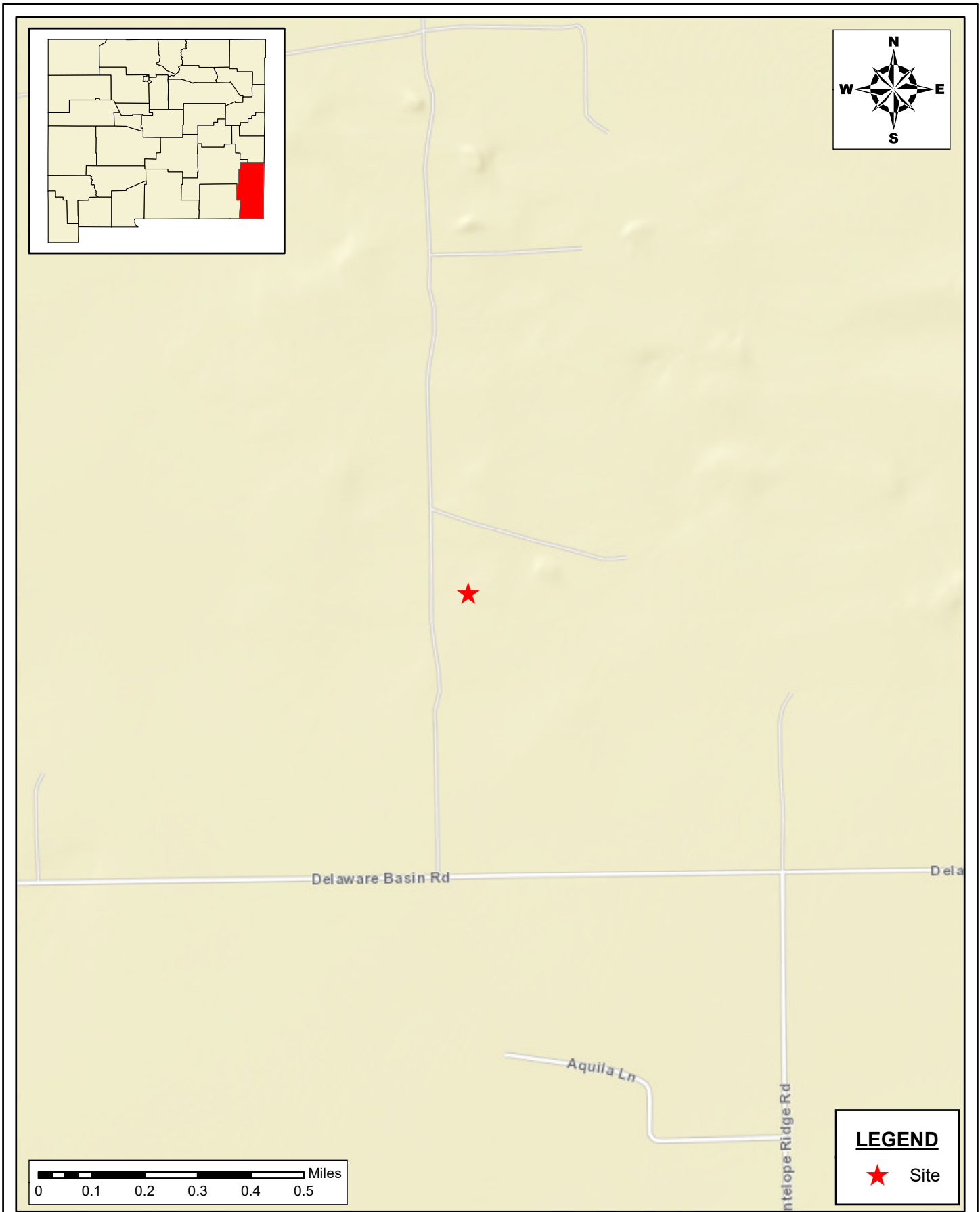
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Site Information

FIGURES

Document Path: P:\2022 PROJECTS\DEVON\IRSC\226002 - Rio Blanco 4 CTB 1 (1-16-19)\7- Figures\GIS\226002 Figure_1.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
 RIO BLANCO 4 CTB 1
 DEVON ENERGY PRODUCTION COMPANY, LLC
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 9/15/2022 PROJECT #: 226002



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

NOTES:

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

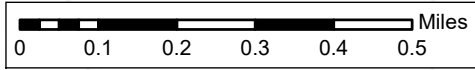
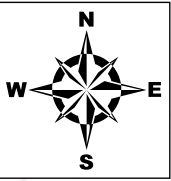
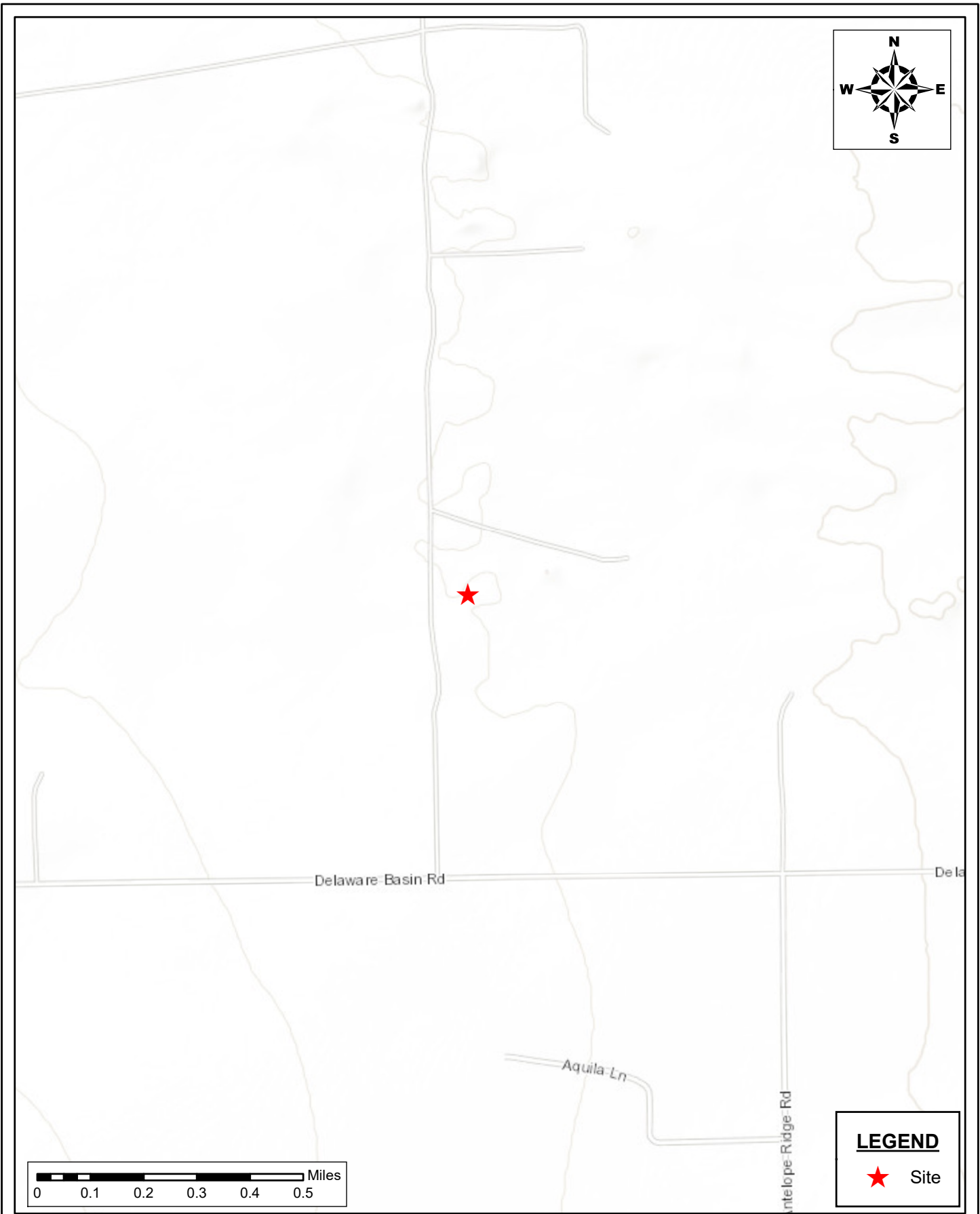
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FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\IRSC\226002 - Rio Blanco 4 CTB 1 (1-16-19)\7- Figures\GIS\226002 Figure_2.mxd



LEGEND

★ Site

SITE LOCATION MAP
SITE ASSESSMENT REPORT
 RIO BLANCO 4 CTB 1
 DEVON ENERGY PRODUCTION COMPANY, LLC
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 9/15/2022 PROJECT #: 226002

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

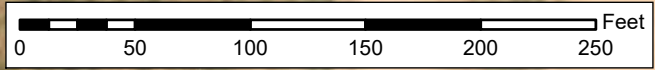
NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1



LEGEND

- - - Secondary Containment



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**SITE LOCATION MAP
SITE ASSESSMENT REPORT**
RIO BLANCO 4 CTB
DEVON ENERGY PRODUCTION COMPANY, LLC
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 9/15/2022 PROJECT #: 226002


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

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

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico

Description:
View of signage.



Photograph No. 2

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico

Description:
View of liner.



Photograph No. 3

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico

Description:
View of liner.

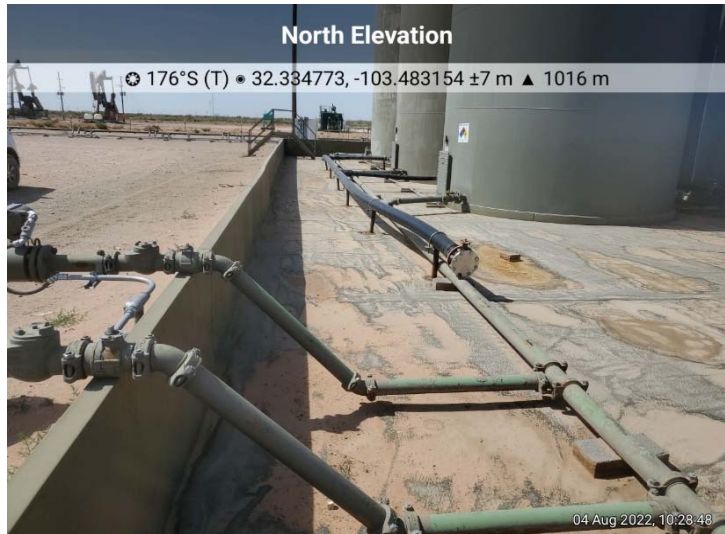


PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico
Description: View of liner.



Photograph No. 5

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico
Description: View of liner.



Photograph No. 6

Facility: Rio Blanco 4 CTB 1
County: Lea County, New Mexico
Description: View of liner.



NMOCD 48-HOUR ADVANCE NOTIFICATION

Ethan Sessums

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Tuesday, August 2, 2022 8:42 AM
To: Ethan Sessums
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] Liner Inspection Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Ethan

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Tuesday, August 2, 2022 8:10 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: Fw: [EXTERNAL] Liner Inspection Notification

From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Monday, August 1, 2022 3:09 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Jordan Tyner <JTyrer@ntglobal.com>; Tyler Kimball <TKimball@ntglobal.com>
Subject: [EXTERNAL] Liner Inspection Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

We will be conducting liner inspection activities at the following sites on 8.4.2022 on behalf of DEVON at the following times;

10 a.m. MDT:

nAPP2218633840	Thistle 22 CTB 2	7/5/2022
nAPP2103332595	RIO BLANCO 4 CTB 1	1/19/2021

1 p.m. MDT:

nRM2027437922	NORTH PURE GOLD 9 FEDERAL #018H	9/17/2020
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Ethan Sessums
Environmental Scientist
NTG Environmental New Mexico

402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>



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 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 155019

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 155019
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	12/8/2022