

Oil Conservation Division

Incident ID	nAPP2124639107
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: 10/18/2022

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

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2124639107
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Dale Woodall Title: Env. ProfessionalSignature: Dale Woodall Date: 10/18/2022email: dale.woodall@dvni.com Telephone: 575-748-1838**OCD Only**Received by: Jocelyn Harimon Date: 10/18/2022☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2124639107
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: 10/18/2022

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

OCD Only

Received by: Jocelyn Harimon Date: 10/18/2022

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 14, 2022

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

**Re: Closure Report
Rio Blanco 33 Fed 2 SWD Wellpad
Devon Energy Production Company
Site Location: Unit F, S33-T22S-R34E
(Lat 32.349660, Long -103.477054)
Lea County, New Mexico
Incident ID: nAPP2124639107**

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 33 Fed 2 SWD Wellpad (Site) location. The Site is located in Lea County approximately 18.74 miles southwest of Eunice, New Mexico (Figures 1 and 2).

Background

Based on the Release Notification of Form C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 2, 2021. The release was the result of backflow from the wellhead. 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 337.8 barrels (bbls) of produced water of which 337.8 (bbls) was recovered. The Release Notification of Form C-141 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 and USGS databases, there are three water wells within a half mile radius of the Site. The closest well was drilled in 2020 and is located approximately 0.43 miles west of the Site in Section 32, T22S, R34E. The well has a reported depth to groundwater of 282 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 USGS Water Resources report for the nearest water well is attached.

Mr. Mike Bratcher
September 14, 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 3, 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 are 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, and Closure Portions 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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

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.	
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: _____	Title: _____
Signature: <u>Kendra DeHoyos</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcos</u>	Date: <u>9/27/2021</u>

NAPP2124639107

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	120
Width(Ft)	60
Depth(in.)	4
Total Capacity without tank displacements (bbls)	427.46
No. of 500 bbl Tanks In Standing Fluid	8
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	337.88

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 52124

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 52124
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	None	9/27/2021

Incident ID	nAPP2124639107
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?	282' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2124639107
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: 10/18/2022

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

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2124639107
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

PPrinted Name: Dale Woodall Title: Env. ProfessionalSignature: Dale Woodall Date: 10/18/2022email: dale.woodall@dv.com Telephone: 575-748-1838**OCD Only**

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nAPP2124639107
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: 10/18/2022
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: 11/10/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

SITE CHARACTERIZATION Documentation

Devon Energy - Rio Blanco 33 Federal #002
Sec 33 T22S R34E Unit F
32.3499985, -103.4771576
Lea County, New Mexico

Site Characterization

-3 water feature within specified distances of 1/2 mile radius, drilled within 25 years

-Low Karst

- NMSEO Groundwater is 180' below surface, .75 miles Northeast of the site, 2019 Drilled, Section 34, T22S, R34E
- NMSEO Groundwater is 180' below surface, .74 miles Northeast of the site, 2020 Drilled, Section 34, T22S, R34E
- NMSEO Groundwater is 282' below surface, .43 miles West of the site, 2020 Drilled, Section 32, T22S, R34E
- NMSEO Groundwater is 305' below surface, .44 miles West of the site, 2018 Drilled, Section 32, T22S, R34E
- NMSEO Groundwater is 560' below surface, .76 miles Northeast of the site, 2019 Drilled, Section 34, T22S, R34E
- NMSEO Groundwater is 1150' below surface, .46 miles West of the site, 2020 Drilled, Section 34, T22S, 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

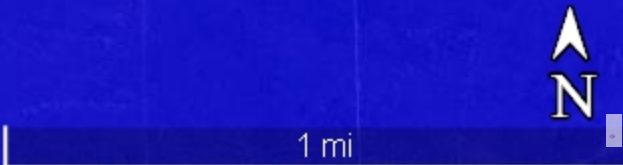
Low Karst

Devon Energy
Lea County, New Mexico
32.3499985, -103.4771576

Legend

- LOW
- Site Location

Rio Blanco 33 Federal #002



Nearest Water Well

Devon Energy
Lea County, New Mexico
32.3499985, -103.4771576

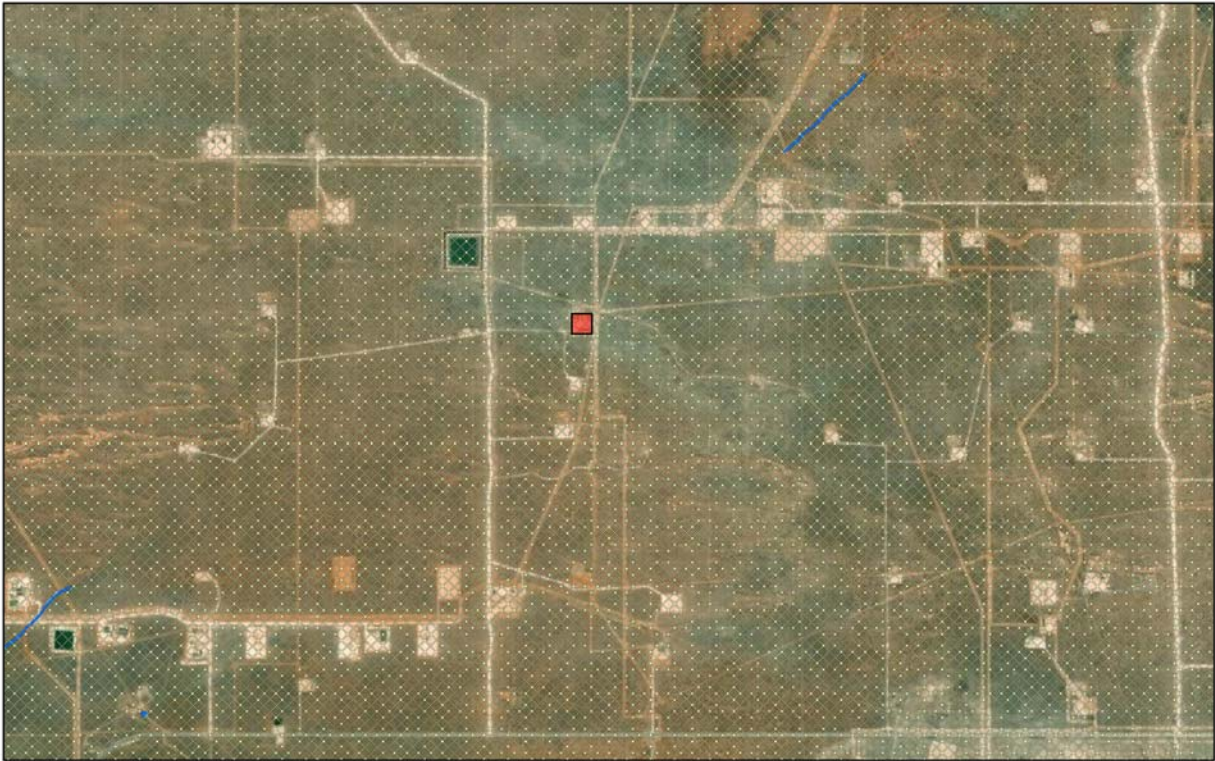
Legend

- .43 Miles West
- .44 Miles West
- .46 Miles West
- .74 Miles Northeast
- .75 Miles Northeast
- .76 Miles Northeast
- 1/2 Mile Radius
- NMSEO Water Well
- Site Location

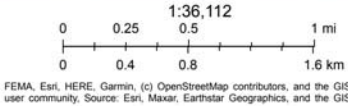
560' - Drilled 2019
180' - Drilled 2019
180' - Drilled 2020
1150' - Drilled 2020
282' - Drilled 2020
305' - Drilled 2018
Rio Blanco 33 Federal #002



New Mexico NFHL Data




August 26, 2022



FEMA, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, Maxar, Earthstar Geographics, and the GIS user community. nrmflood.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	Tw	Rng	X	Y
22473	CP 01803 POD1	1	1	1	34	22S	34E	644357	3580786 
Driller License:	1706	Driller Company:		ELITE DRILLERS CORPORATION					
Driller Name:	WALLACE, BRYCE J.LEE.NER								
Drill Start Date:	11/04/2019	Drill Finish Date:		11/06/2019		Plug Date:			
Log File Date:	02/03/2020	PCW Rcv Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		2 GPM	
Casing Size:	4.00	Depth Well:		240 feet		Depth Water:		180 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		85	205	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		160	240						

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 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 01826 POD1	1	1	1	34	22S	34E	644379	3580778

Driller License:	1706	Driller Company:	ELITE DRILLERS CORPORATION
Driller Name:	BRYCE WALLACE		

Drill Start Date:	12/12/2019	Drill Finish Date:	05/20/2020	Plug Date:	
Log File Date:	06/22/2020	PCW Rcv Date:		Source:	Artesian
Pump Type:		Pipe Discharge Size:		Estimated Yield:	121 GPM
Casing Size:	6.00	Depth Well:	698 feet	Depth Water:	180 feet

Water Bearing Stratifications:	Top	Bottom	Description
	85	210	Sandstone/Gravel/Conglomerate
	520	580	Sandstone/Gravel/Conglomerate
	670	690	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	498	698

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 3:24 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)			(NAD83 UTM in meters)
		(quarters are smallest to largest)			
Well Tag	POD Number	Q64 Q16 Q4	Sec	Tws	Rng X Y
NA	CP 01706 POD1	4 4 2	32	22S	34E 642603 3580185

Driller License: 1706	Driller Company: ELITE DRILLERS CORPORATION
Driller Name: BRYCE WALLACE	
Drill Start Date: 01/06/2020	Drill Finish Date: 01/07/2020
Log File Date: 01/13/2020	PCW Rcv Date:
Pump Type:	Source: Shallow
Pipe Discharge Size:	Estimated Yield: 55 GPM
Casing Size: 4.30	Depth Well: 340 feet
	Depth Water: 282 feet

Water Bearing Stratifications:	Top	Bottom	Description
	240	295	Sandstone/Gravel/Conglomerate
	295	340	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	280	340

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 3:14 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
20D10	CP 01705 POD1	4	4	2	32	22S	34E
						642588	3580179

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: KEY, CASEY

Drill Start Date: 04/02/2018 **Drill Finish Date:** 05/01/2018 **Plug Date:**

Log File Date: 05/23/2018 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 350 GPM

Casing Size: 8.00 **Depth Well:** 700 feet **Depth Water:** 305 feet

Water Bearing Stratifications:	Top	Bottom	Description
	270	317	Sandstone/Gravel/Conglomerate
	317	375	Sandstone/Gravel/Conglomerate
	375	420	Sandstone/Gravel/Conglomerate
	420	565	Sandstone/Gravel/Conglomerate
	565	590	Sandstone/Gravel/Conglomerate
	590	700	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	300	700

Meter Number: 18949	Meter Make: SEAMETRICS
Meter Serial Number: 042018001248	Meter Multiplier: 1.0000
Number of Dials: 8	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
08/06/2019	2019	0	A	RPT New Meter	0
09/01/2019	2019	317662	A	RPT	40.945
11/04/2019	2019	773965	A	RPT	58.814
12/03/2019	2019	773965	A	RPT	0
02/01/2020	2020	981451	A	RPT	26.744
03/02/2020	2020	1349349	A	RPT	47.420
04/01/2020	2020	1546290	A	RPT	25.384
05/04/2020	2020	1546290	A	RPT	0
06/04/2020	2020	1546290	A	RPT	0
07/02/2020	2020	1546290	A	RPT	0
08/03/2020	2020	1546290	A	RPT	0
10/09/2020	2020	1546290	A	RPT	0
11/06/2020	2020	1546290	A	RPT	0
12/14/2020	2020	1546290	A	RPT	0
01/07/2021	2020	1546290	A	RPT	0
02/05/2021	2021	1546290	A	RPT	0
08/02/2021	2021	1546290	A	ad	0
09/01/2021	2021	1546290	A	ad	0
10/05/2021	2021	1546290	A	ad	0
11/04/2021	2021	1546290	A	ad	0
12/13/2021	2021	1546290	A	ad	0
01/01/2022	2022	1546290	A	ad	0
02/01/2022	2022	1546290	A	ad	0
03/01/2022	2022	1546290	A	ad	0
04/01/2022	2022	1546290	A	ad	0
05/06/2022	2022	1546290	A	ad	0

**YTD Meter Amounts:	Year	Amount
	2019	99.759
	2020	99.548
	2021	0
	2022	0


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 3:15 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 01740 POD1	1	1	1	34	22S	34E	644402	3580765 
Driller License: 1706		Driller Company:		ELITE DRILLERS CORPORATION					
Driller Name: BRYCE WALLCE									
Drill Start Date: 03/15/2019		Drill Finish Date:		09/26/2019		Plug Date:			
Log File Date: 10/17/2019		PCW Rcv Date:				Source: Artesian			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 60 GPM			
Casing Size: 7.60		Depth Well:		600 feet		Depth Water: 560 feet			
Water Bearing Stratifications:		Top	Bottom	Description					
		520	580	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		300	600						

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 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 01829 POD1	4 4 2 32 22S 34E	642559	3580172

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION
Driller Name: WALLACE, BRYCE J.LEE.NER

Drill Start Date: 08/25/2020 **Drill Finish Date:** 10/31/2020 **Plug Date:**
Log File Date: 11/17/2020 **PCW Rcv Date:** **Source:** Artesian
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 180 GPM
Casing Size: 7.87 **Depth Well:** 1410 feet **Depth Water:** 1150 feet

Water Bearing Stratifications:	Top	Bottom	Description
	1150	1210	Sandstone/Gravel/Conglomerate
	1210	1375	Sandstone/Gravel/Conglomerate
	1375	1390	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	1213	1410

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 3:17 PM

POINT OF DIVERSION SUMMARY



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 01706 POD1	CP	LE		4	4	2	32	22S	34E	642603	3580185	698	340	282	58
CP 01705 POD1	CP	LE		4	4	2	32	22S	34E	642588	3580179	714	700	305	395
CP 01829 POD1	CP	LE		4	4	2	32	22S	34E	642559	3580172	743	1410	1150	260
CP 01803 POD1	CP	LE		1	1	1	34	22S	34E	644357	3580786	1185	240	180	60
CP 01826 POD1	CP	LE		1	1	1	34	22S	34E	644379	3580778	1202	698	180	518
CP 01740 POD1	CP	LE		1	1	1	34	22S	34E	644402	3580765	1217	600	560	40

Average Depth to Water: **442 feet**

Minimum Depth: **180 feet**

Maximum Depth: **1150 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 643298.78

Northing (Y): 3580250.6

Radius: 1600

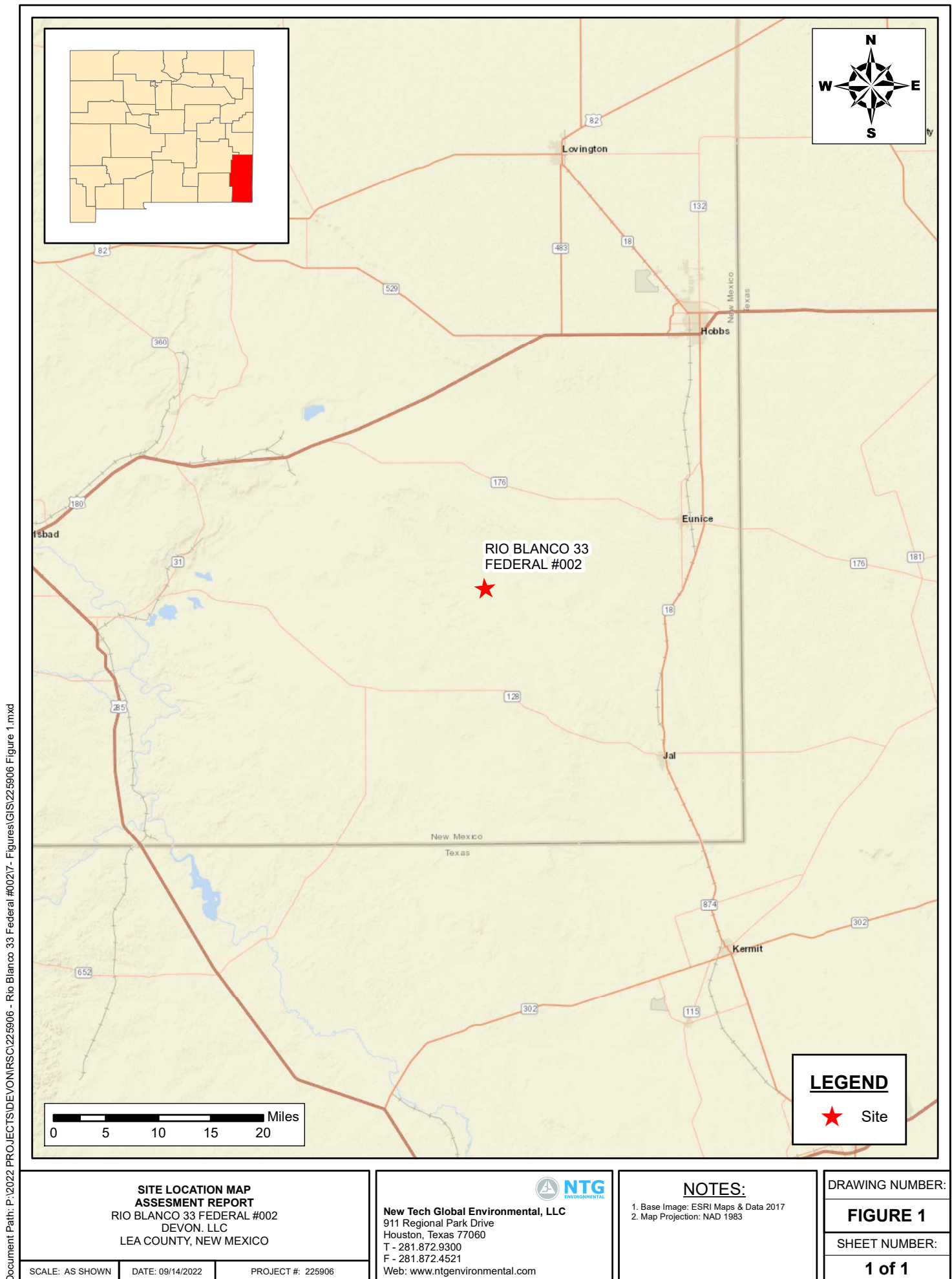
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/26/22 3:19 PM

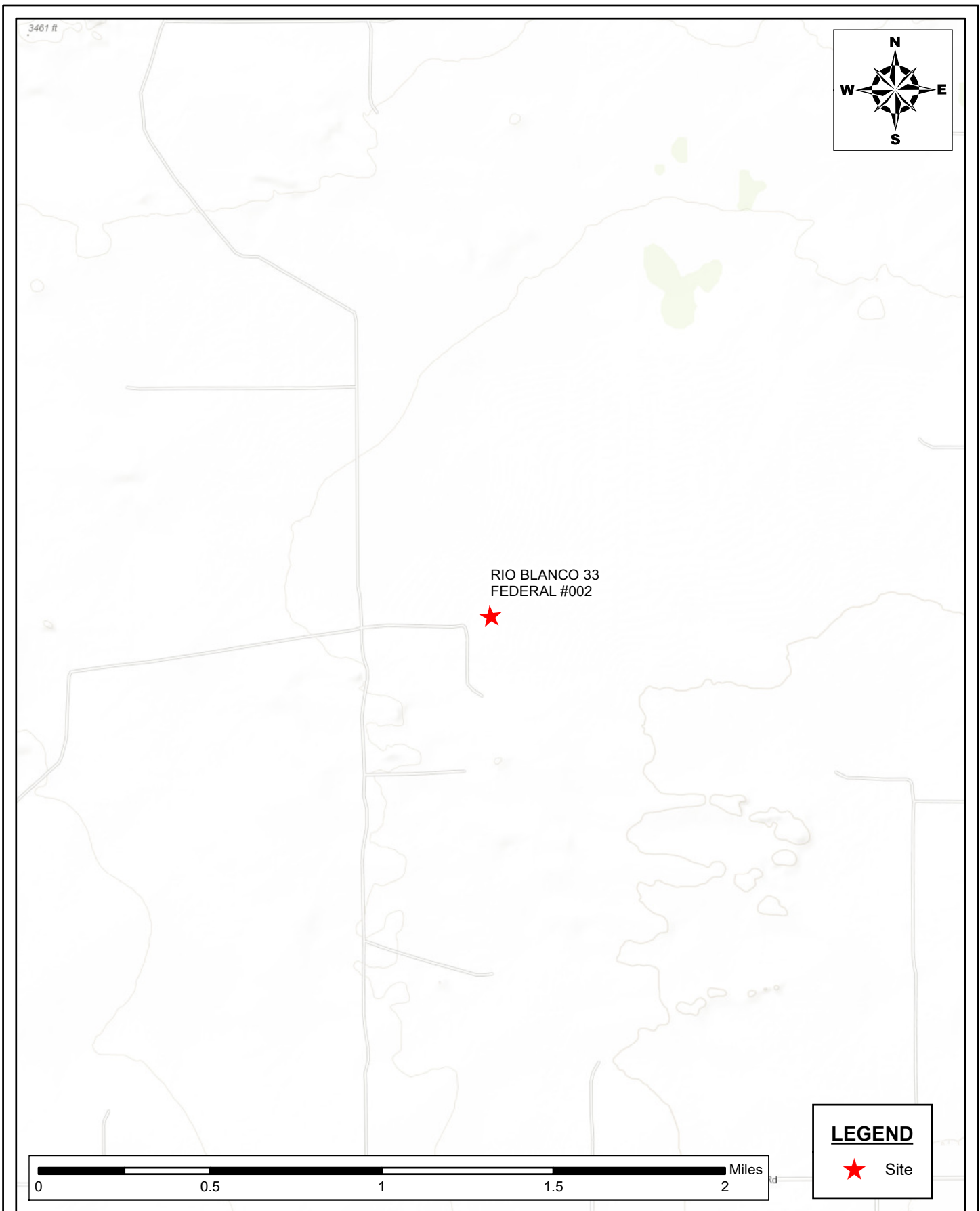
Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

FIGURES



Document Path: P:\2022 PROJECTS\DEVON\RSC\225906 - Rio Blanco 33 Federal #002\7 - Figures\GIS\225906 Figure 2.mxd



**SITE LOCATION MAP
ASSESSMENT REPORT**
RIO BLANCO 33 FEDERAL #002
DEVON, LLC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 09/14/2022 PROJECT #: 225906



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 2017
2. Map Projection: NAD 1983

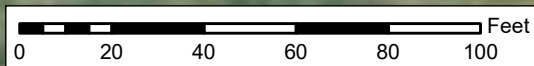
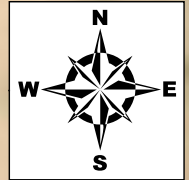
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\RSC\225906 - Rio Blanco 33 Federal #00217- Figures\GIS\Figure_3_Site Map.mxd



LEGEND



Secondary Containment

**RELEASE AREA MAP
SITE ASSESSMENT REPORT**
RIO BLANCO 33 SWD 2
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviroental.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 33 Federal #002

County: Lea County, New Mexico

Description:
View of signage.

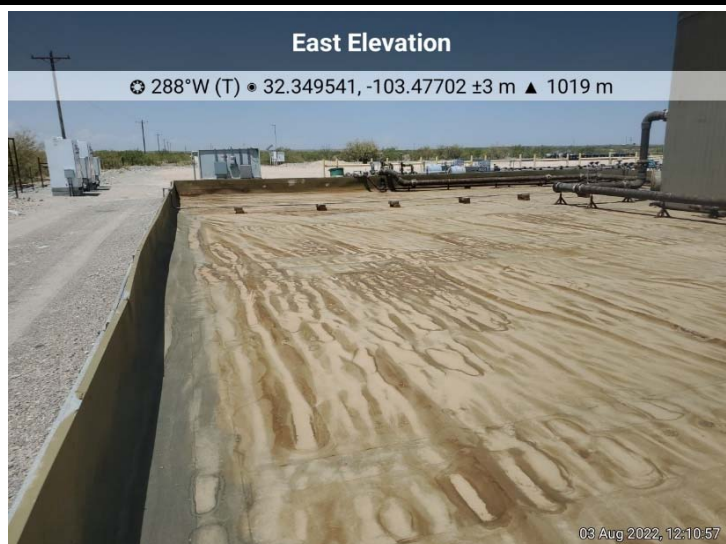


Photograph No. 2

Facility: Rio Blanco 33 Federal #002

County: Lea County, New Mexico

Description:
View of liner.

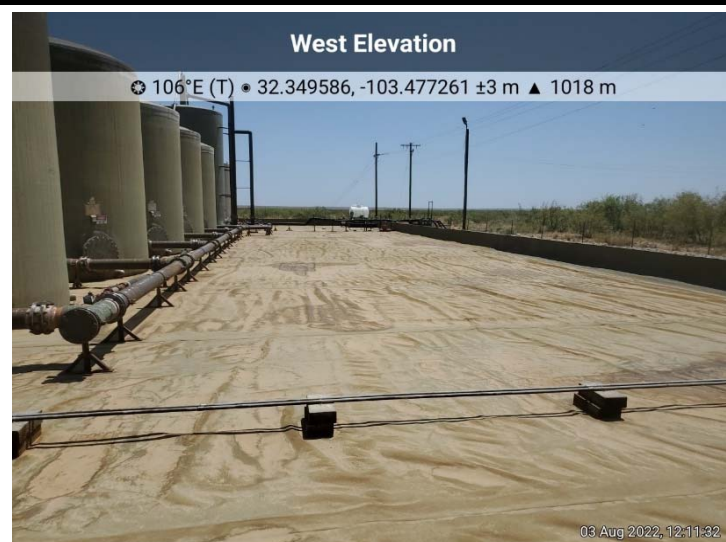


Photograph No. 3

Facility: Rio Blanco 33 Federal #002

County: Lea County, New Mexico

Description:
View of liner.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Rio Blanco 33 Federal #002

County: Lea County, New Mexico

Description:
View of liner.

**Photograph No. 5**

Facility: Rio Blanco 33 Federal #002

County: Lea County, New Mexico

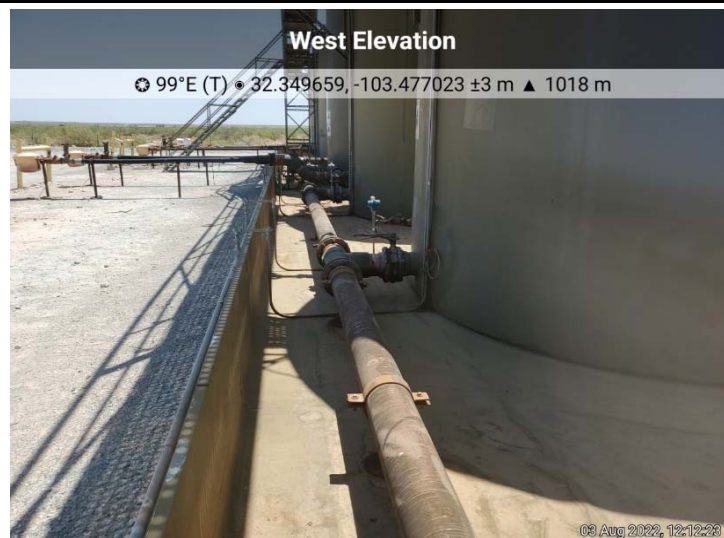
Description:
View of liner.

**Photograph No. 6**

Facility: Rio Blanco 33 Federal #002

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 8:36 AM
To: Ethan Sessums
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] Liner Inspection Notifications

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>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] Liner Inspection Notifications

From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Monday, August 1, 2022 3:04 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Jordan Tyner <JTyrner@ntglobal.com>; Tyler Kimball <TKimball@ntglobal.com>
Subject: [EXTERNAL] Liner Inspection Notifications

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

We will be conducting Liner Inspections of the following sites on behalf of DEVON on 8/3/2022 at the following times;
 10 a.m. MDT:

nAPP2218626863	Flagler 8 CTB 3	7/1/2022
nAPP2218630621	SEAWOLF 1-12 CTB 1	6/30/2022

1 p.m. MDT:

nAPP2118148550	Ice Dancer 30 FED COM 2H Wellpad	6/14/2021
nAPP2124639107	Rio Blanco 33 Federal #002	9/3/2021

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/>



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

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 151506

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 151506
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved.	11/10/2022