Pima Environmental Services, LLC
1601 N. Turner, Suite 500
Hobbs, NM 88240
575-964-7740

April 27th, 2021

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

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

Re: Site Remediation and Closure Report
Parkway West Unit #015
API No. 30-015-32363
GPS: Latitude 32.635421 Longitude -104.073380
UL "A", Sec. 28, T19S, R29E
Eddy County, NM
NMOCD Ref. No. NAB1520432614 (2RP-3144)

Dear Mr. Bratcher and Mr. Amos,

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and remediation activities for an oil release that occurred at the Parkway West Unit #015 (Parkway). The initial C-141 was submitted on July 17th, 2015 (Appendix C). This incident was assigned Incident ID NAB1520432614 (2RP-3144), by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Parkway is located approximately seventeen (17) miles northeast of Carslbad, NM. This spill site is in Unit A, Section 28, Township 19S, Range 29E, Latitude 32.635421, Longitude -104.073380, Eddy County, NM. Figure 4 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Rustler Formation-Siltstone, gypsum, sandstone, and dolomite (Upper Permian). The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present in the area of the Parkway (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 60 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the depth to groundwater is between 51 and 100 feet below grade surface (BGS). See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
High Karst	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
If the release occurred within any of the following areas, the responsible party would treat the release as if the groundwater was less than 50 feet per Rule 19.15.29					
Water Issues				Yes	No
Within **300** feet of any continuously flowing watercourse or any other significant watercourse					x
Within **200** feet of any lakebed, sinkhole, or playa lake (measures from the ordinary high-water mark					x
Within **300** feet from an occupied permanent residence, school, hospital, institution, or church					x
Within **500** feet of a spring or a private, domestic freshwater well used by less than five households for domestic or stock water purposes					x
Within **1000** feet of any freshwater well or spring					x
Within incorporated municipal boundaries or within a defined municipal freshwater well field					x
Within **300** feet of a wetlands					x
Within the area overlying a subsurface mine					x
Within an unstable area (Karst)				x	
Within a 100-year floodplain					x

Reference Figure 2 for a Topo Map.

Release Information

NAB1520432614 (2RP-3144): On July 16th, 2015, a lease operator was checking the well and found that the bottom of a tank had corrosion and was leaking oil into the containment. The operator switched the production into another tank, then emptied the leaking tank into another tank. The released fluids were calculated to be approximately 6 barrels (bbls) of oil. A vacuum truck was able to recover approximately 5 bbls of standing fluid from the area.

Site Assessment and Soil Sampling Results

On December 30th, 2020, Pima Environmental mobilized to the site to conduct a site assessment and obtain soil samples with a hand auger. The laboratory results of this sampling event can be found in the following data table.

12-30-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 12-30-20		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1-N. Comp	0-6"	ND	ND	ND	ND	ND	ND	**2880**
S2-E. Comp	0-6"	ND	ND	ND	ND	ND	ND	160
S3-S. Comp	0-6"	ND	ND	ND	ND	ND	ND	**704**
S4-W. Comp	0-6"	ND	ND	ND	ND	ND	ND	**2840**
BG-1	0	ND	ND	ND	ND	ND	ND	48
BG-2	0	ND	ND	ND	ND	ND	ND	ND
BG-3	0	ND	ND	ND	ND	ND	ND	16
BG-4	0	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Remediation Activities

On January 27th, 2021, Pima mobilized personnel and equipment to this site and began remediation activities. The areas in the vicinity of S1-N.Comp, S3-S.Comp, and S4-W.Comp were tilled and treated with a bioremediation chemical solution. This process was repeated 2 more times to ensure that all the contaminated soil had been treated. We then compacted and contoured the areas back to their original state. Photographic documentation can be found in Appendix D.

On April 21st, 2021, Pima returned to the site to collect confirmation samples from the treated areas to confirm that the bioremediation method cleaned up all the contamination. The results of that event can be seen in the following table.

4-21-20 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - PARKWAY WEST UNIT #15								
Date 4-21-21		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1-N Comp	0-6"							48
S3-S Comp	0-6"							32
S4-W Comp	0-6"							32

ND- Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAB1520432614 (2RP-3144), be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Tom Bynum at 575-964-7740 or tom@pimaoil.com.

Respectfully,

Tom Bynum

Tom Bynum
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topo Map
3- Karst Map
4- Site Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141's
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

Pima Environmental Services

Figures:

1-Location Map

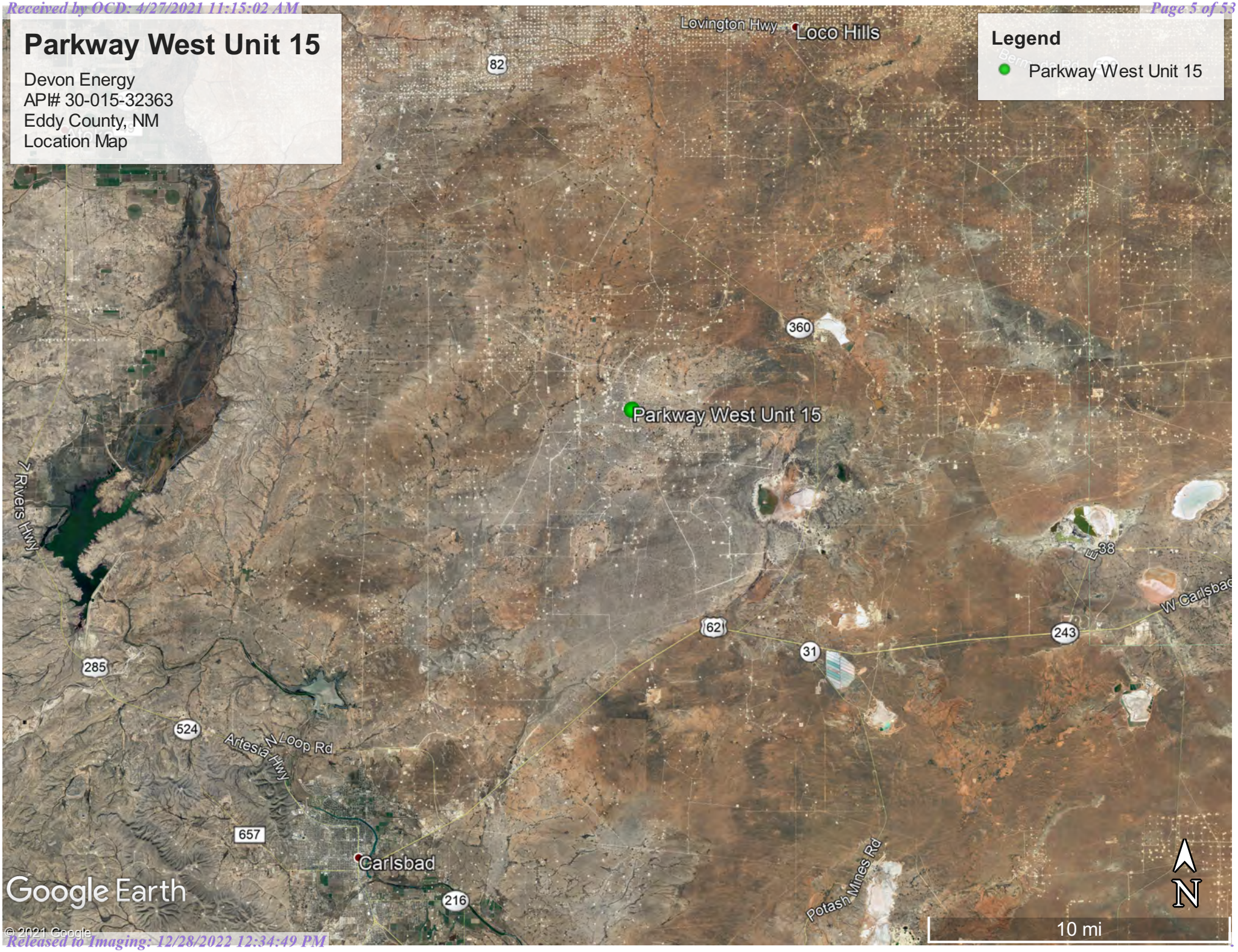
2-Topo Map

3-Karst Map

4-Site Map

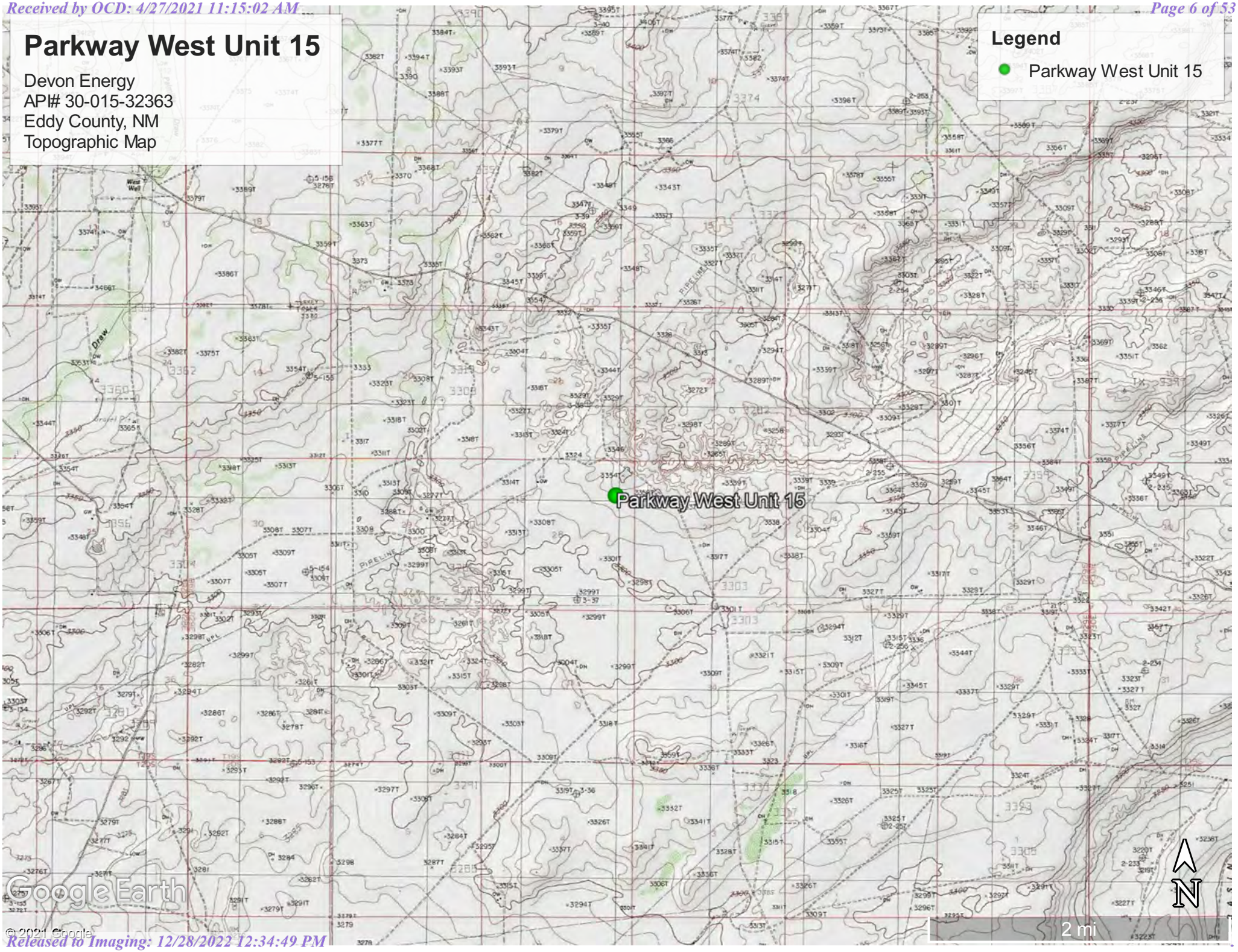
Parkway West Unit 15

Devon Energy
API# 30-015-32363
Eddy County, NM
Location Map



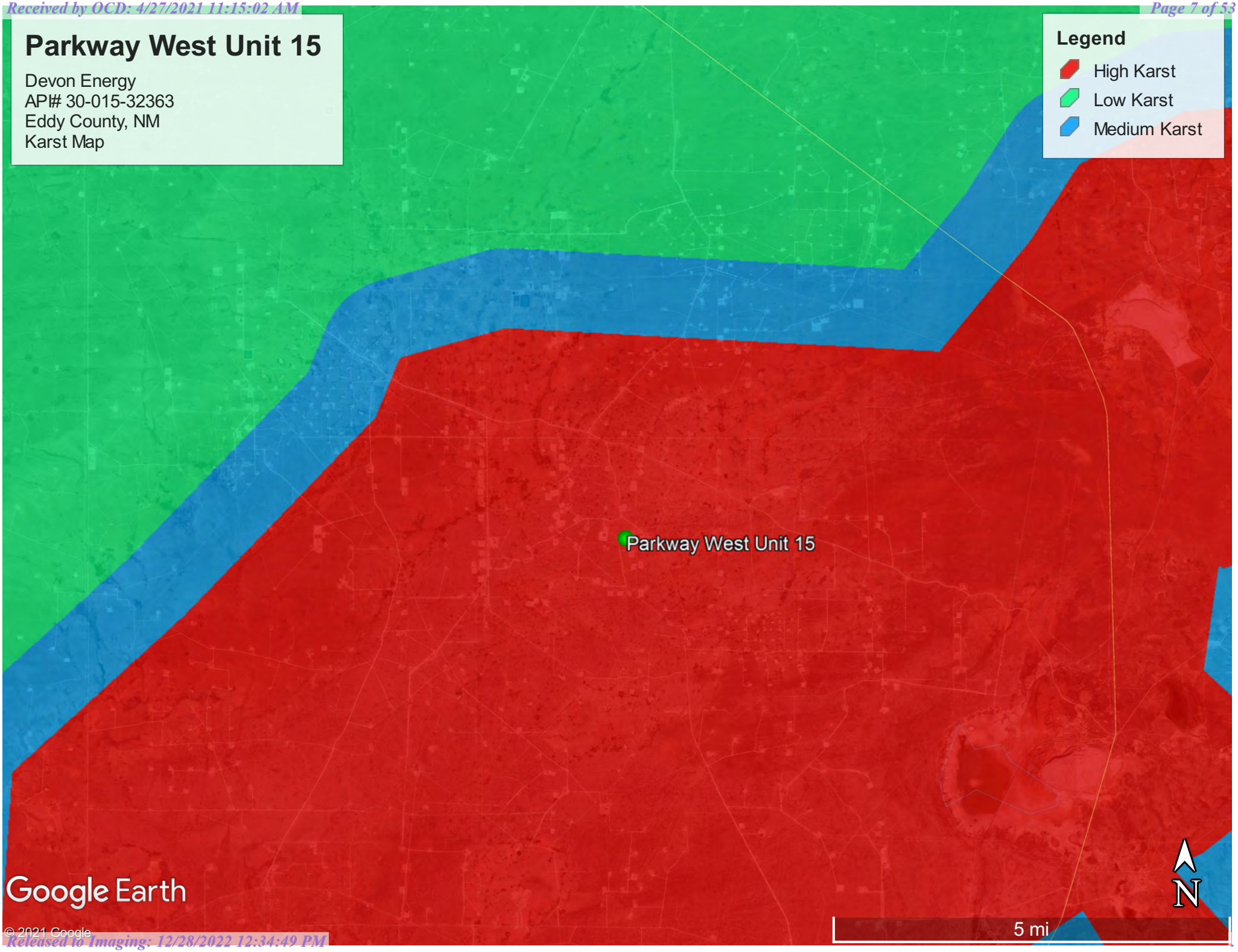
Parkway West Unit 15

Devon Energy
API# 30-015-32363
Eddy County, NM
Topographic Map



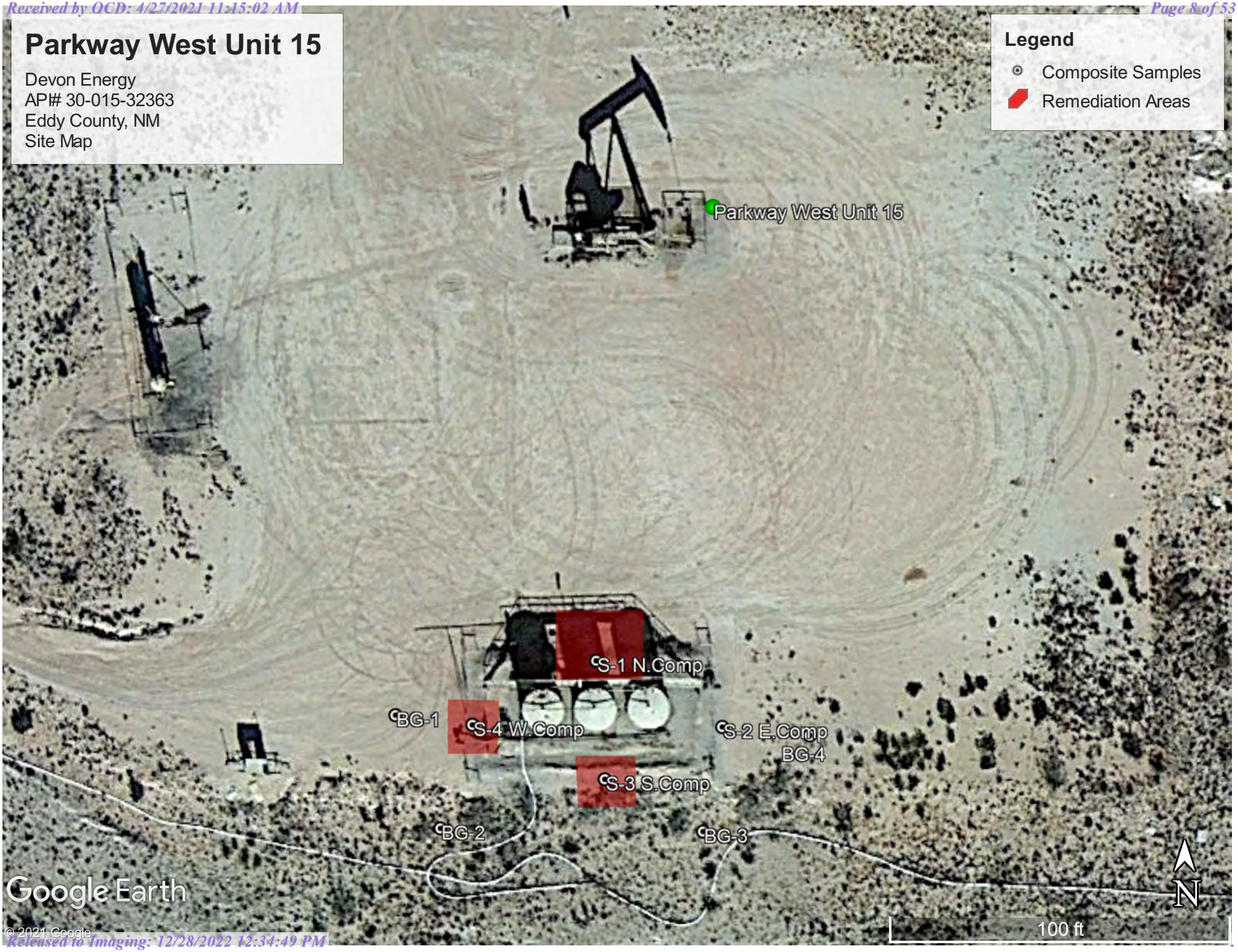
Parkway West Unit 15

Devon Energy
API# 30-015-32363
Eddy County, NM
Karst Map



Parkway West Unit 15

Devon Energy
API# 30-015-32363
Eddy County, NM
Site Map



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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

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 00741		CP	ED	1	3	2	34	19S	29E	588030	3609533*	2018	230	60	170
CP 00681		CP	ED	1	1	3	34	19S	29E	587230	3609127*	2108			
CP 00830 POD1		CP	LE		2	1	04	20S	29E	586118	3608193*	3118	120		
CP 00698 POD1		CP	ED		3	1	03	20S	29E	587393	3608010	3236			

Average Depth to Water: **60 feet**

Minimum Depth: **60 feet**

Maximum Depth: **60 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 586907.825 **Northing (Y):** 3611210.262 **Radius:** 4000

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

4/26/21 2:07 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 323900104052901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

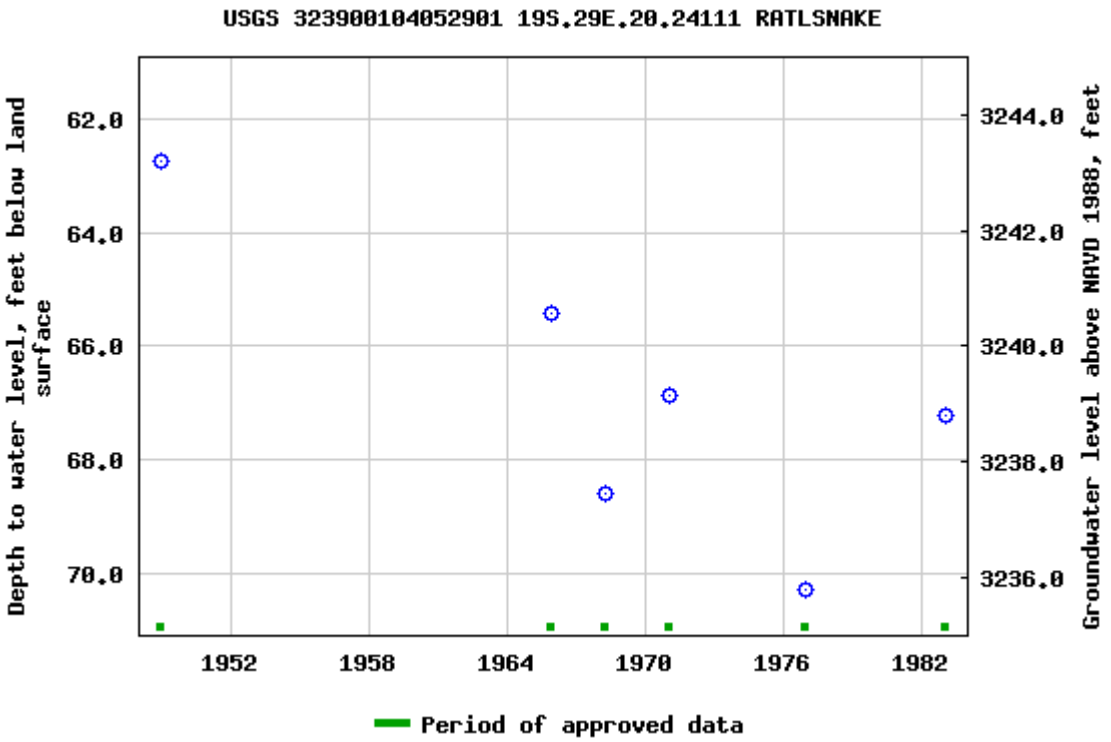
USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°39'00", Longitude 104°05'29" NAD27
Land-surface elevation 3,306 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2021-02-17 09:22:18 EST
0.66 0.57 nadww02

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News
- **NOTICE: Feb 10, 2021 17:30ET - 18:23ET Data Transmissions were impacted by an unplanned system maintenance outage. Data are now processing.**

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 323853104023101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

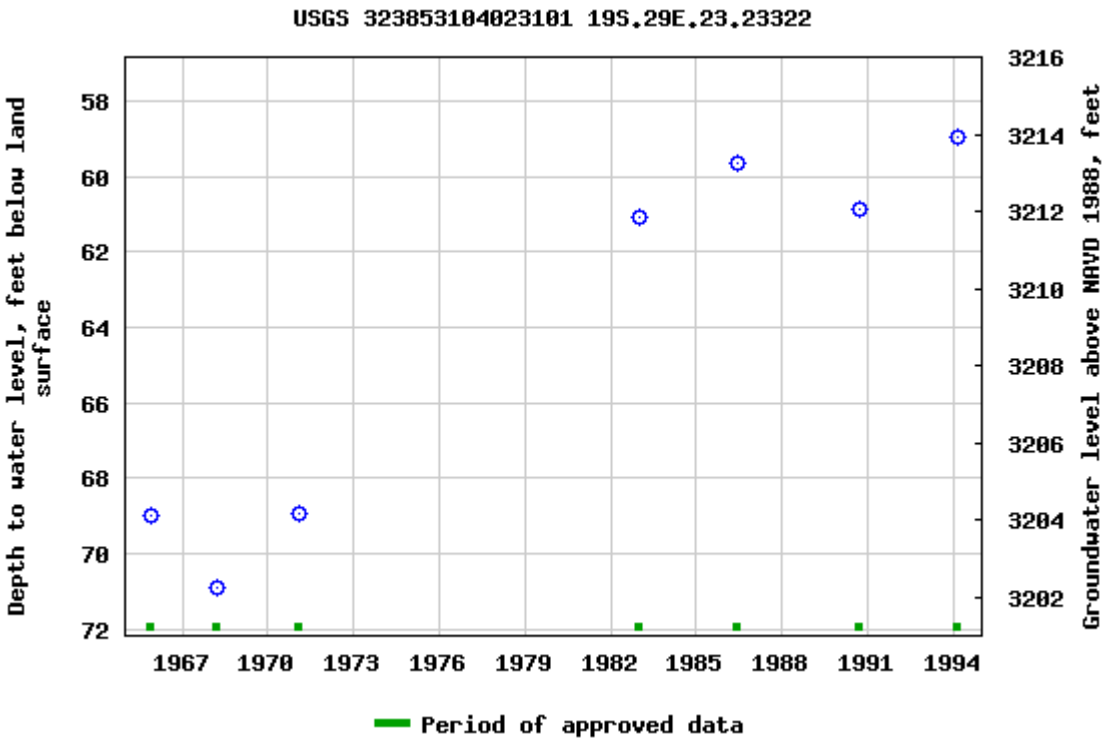
USGS 323853104023101 19S.29E.23.23322

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°38'53", Longitude 104°02'31" NAD27
Land-surface elevation 3,273 feet above NAVD88
The depth of the well is 85 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

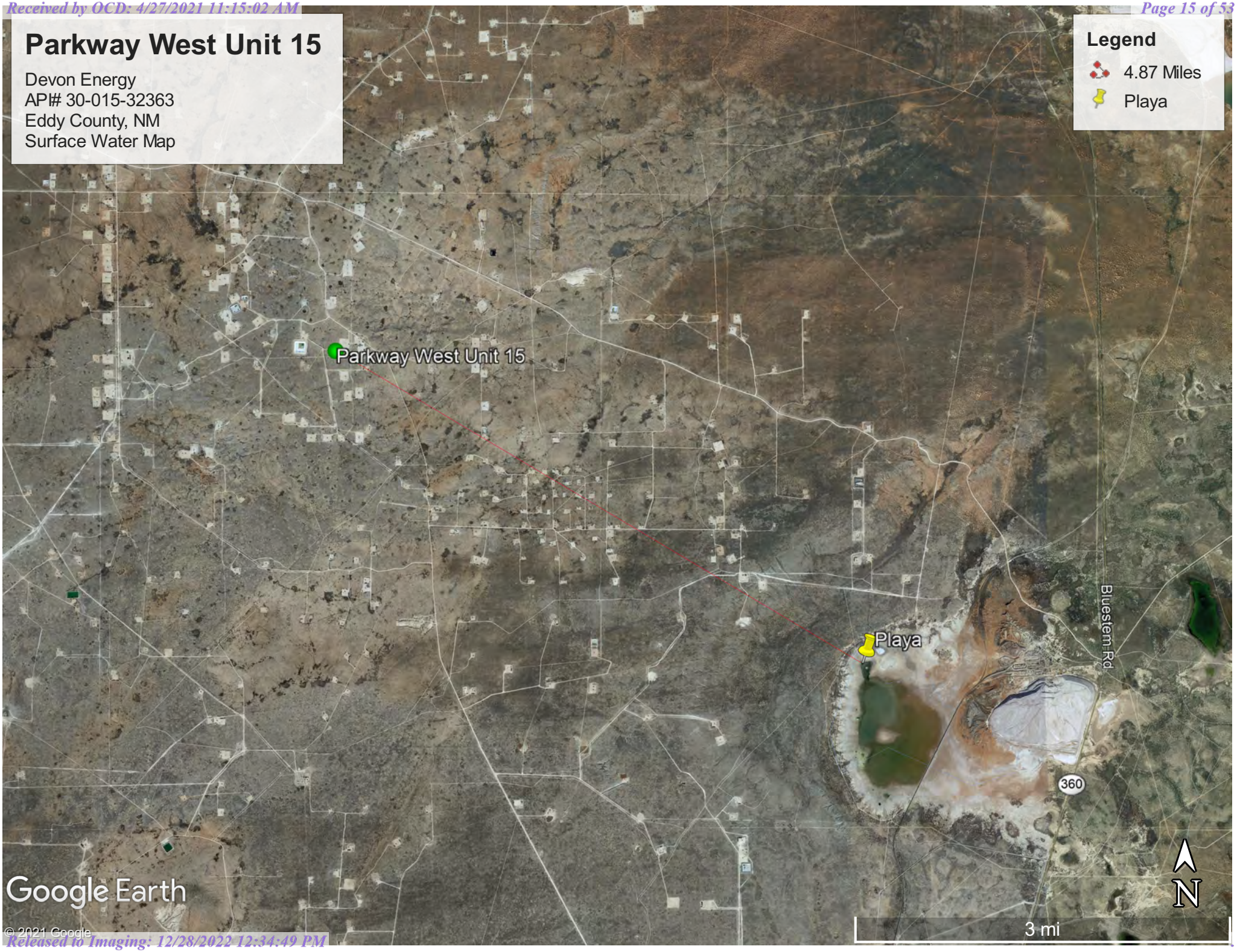
Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2021-02-12 11:07:31 EST
0.64 0.56 nadww02

Parkway West Unit 15

Devon Energy
API# 30-015-32363
Eddy County, NM
Surface Water Map



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Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Eddy Area, New Mexico

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f
Elevation: 1,250 to 5,000 feet
Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent
Gypsum land: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Hills, plains, ridges
Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope
Landform position (three-dimensional): Crest, nose slope, side slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 32 inches: clay loam
H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 80 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Hills, plains, ridges
Landform position (two-dimensional): Backslope, footslope, shoulder, toeslope
Landform position (three-dimensional): Crest, nose slope, side slope, head slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s
Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent
Ecological site: R042XC033NM - Salty Bottomland
Hydric soil rating: No

Reagan

Percent of map unit: 5 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Largo

Percent of map unit: 5 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

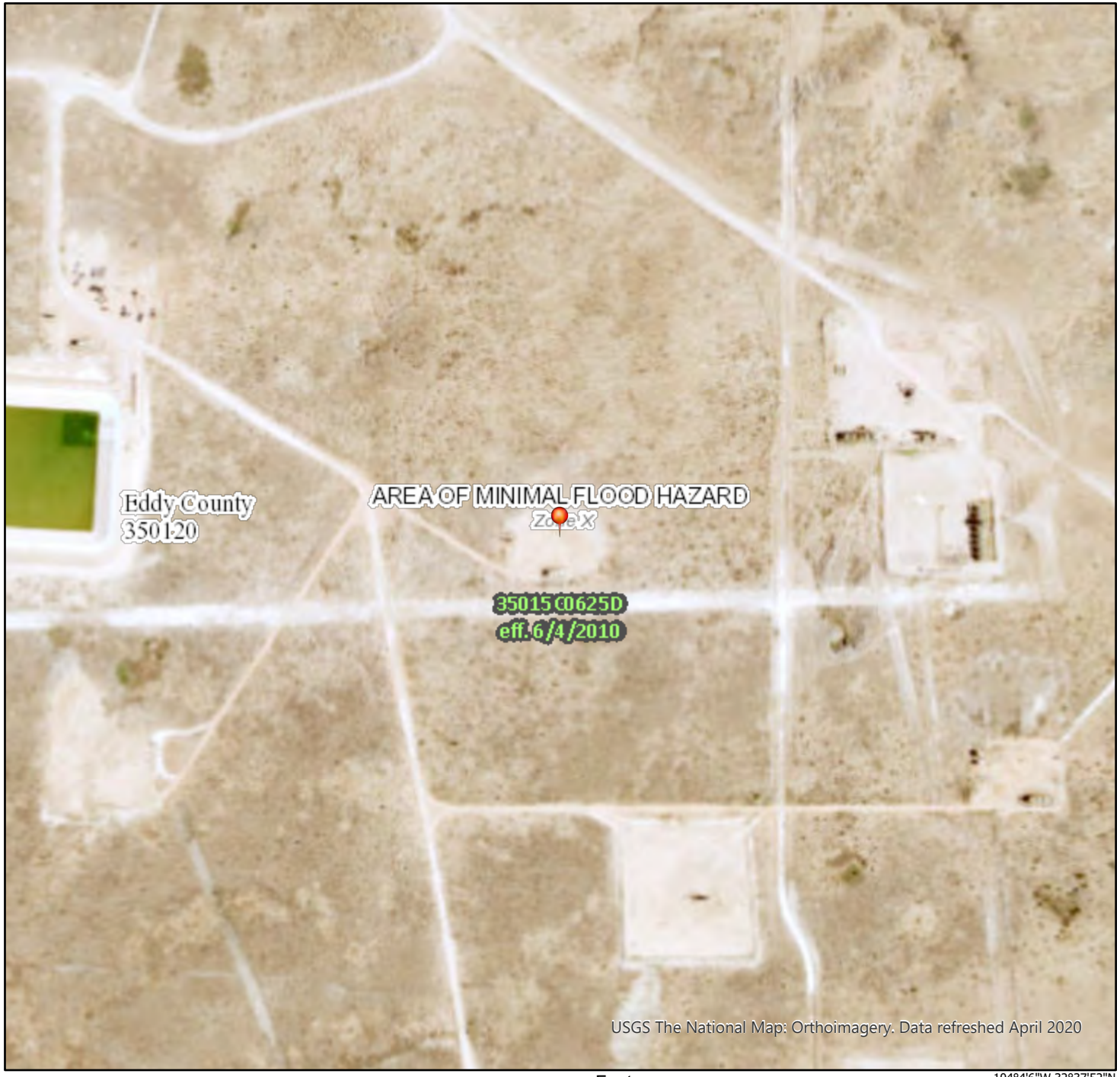
Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMette

FEMA

104°4'43"W 32°38'22"N



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

1:6,000

104°4'6"W 32°37'52"N

Legend

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/21/2020 at 3:24 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.

Pima Environmental Services

Appendix C

C-141's:

Initial

Final

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 21 2015 2RP-3144
RECEIVED

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 August 8, 2011

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

Release Notification and Corrective Action

nAB1520432614

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production 6137	**Contact** Rudy Zuniga
Address 6488 Seven Rivers Hwy Artesia, NM 88220	**Telephone No.** 575-390-5435
Facility Name Parkway West Unit 15	**Facility Type** Oil

Surface Owner State	**Mineral Owner** State	**API No.** 30-015-32363

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	28	19S	29E	1310	North	660	East	Eddy

Latitude: N 32°63'50.88" **Longitude:** W 104°07'33.49"

NATURE OF RELEASE

Type of Release Spill oil	**Volume of Release** 6 bbl	**Volume Recovered** 5 bbls
Source of Release Corrosion on bottom of tank	**Date and Hour of Occurrence** 7.16.2015 @2:30 PM	**Date and Hour of Discovery** 7.16.2015 @2:30 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Randy Dade @ OCD Heather Patterson @OCD	
By Whom? Jesse Armendariz	**Date and Hour** 7.16.2015 3:00 PM 7.16.2015 8:00 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse**	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
On July 16, 2015, at 2:30 PM Devon Lease Operator was checking his route and found that the bottom of a tank had corrosion and was leaking oil into the containment. There was a total of 6 bbls of oil leaked, 5 bbls were recovered, and the other was in the gravel.

Describe Area Affected and Cleanup Action Taken.*

Devon Lease Operator switched the production out of the leaking tank into another tank, he then emptied out the leaking tank into another tank. Legendary was called out to do cleanup and 5 bbls of oil were recovered. The other was in the gravel and unable to be recovered.

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: Corina Moya

Printed Name: **Corina Moya**

Title: **Field Admin Support**

E-mail Address: **corina.moya@dvn.com**

Date: 7.17.2015 Phone: **575.746.5559**

OIL CONSERVATION DIVISION

Signed By Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 7/23/15 Expiration Date: N/A

Conditions of Approval: Attached ☐

Remediation per O.C.D. Rules & Guidelines
SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 8/24/15

2RP-3144

* Attach Additional Sheets If Necessary

Incident ID	NAB1520432614
District RP	2RP-3144
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?	51-100 (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	NAB1520432614
District RP	2RP-3144
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: Wes Mathews Title: EHS Professional

Signature: Wesley Mathews Date: 4/27/2021

email: wesley.mathews@dvn.com Telephone: 575-513-8608

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAB1520432614
District RP	2RP-3144
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: Wes Mathews Title: EHS Professional

Signature: Wesley Mathews Date: 4/27/2021

email: wesley.mathews@dvn.com Telephone: 575-513-8608

OCD Only

Received by: OCD Date: 05/27/2021

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: Ashley Maxwell Date: 12/28/2022

Printed Name: Ashley Maxwell Title: Environmental Specialist

Pima Environmental Services

Appendix D

Photographic Documentation

Pima Environmental Services

Appendix E

Laboratory Reports

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 04, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PARKWAY WEST #15

Enclosed are the results of analyses for samples received by the laboratory on 12/30/20 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: S1 - N. COMP (H003355-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2880**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *89.0 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *91.5 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: S2 - E. COMP (H003355-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *81.7 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *82.3 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: S3 - S. COMP (H003355-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *90.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *92.5 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: S4 - W. COMP (H003355-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2840**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *88.9 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *91.3 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: BG 1 (H003355-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *85.1 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *86.4 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: BG 2 (H003355-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *92.7 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *95.1 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: BG 3 (H003355-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *93.6 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *94.9 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	12/30/2020	Sampling Date:	12/30/2020
Reported:	01/04/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST #15	Sampling Condition:	Cool & Intact
Project Number:	50	Sample Received By:	Jodi Henson
Project Location:	DEVON - EDDY CO.		

Sample ID: BG 4 (H003355-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/31/2020	ND	2.03	101	2.00	1.73	
Toluene*	<0.050	0.050	12/31/2020	ND	1.94	96.9	2.00	1.60	
Ethylbenzene*	<0.050	0.050	12/31/2020	ND	2.03	102	2.00	1.81	
Total Xylenes*	<0.150	0.150	12/31/2020	ND	5.79	96.6	6.00	1.74	
Total BTEX	<0.300	0.300	12/31/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2020	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2020	ND	206	103	200	7.14	
DRO >C10-C28*	<10.0	10.0	12/31/2020	ND	214	107	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	12/31/2020	ND					

Surrogate: 1-Chlorooctane *85.8 %* *44.3-144*

Surrogate: 1-Chlorooctadecane *88.9 %* *42.2-156*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Pima Environmental
Project Manager:	Chris Jones
Address:	1601 N. Turner Ste 500
City:	Hobbs State: NM Zip: 88240
Phone #:	575-631-6977 Fax #:
Project #:	50 Project Owner: Devon
Project Name:	Parkway West #15
Project Location:	Eddy County
Sampler Name:	Mark Newcomb

BILL TO

P.O. #:	207886665
Company:	Devon
Attn:	Wes Mathews
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	TPH EXT	BTEX	Chloride
H003355																	
1	S1 - N. Comp												12/30/20	11:00			
2	S2 - E. Comp													11:05			
3	S3 - S. Comp													11:10			
4	S4 - W. Comp													11:15			
5	BG1													11:20			
6	BG2													11:25			
7	BG3													11:30			
8	BG4													11:35			

Relinquished By:	Date: 12/30/20	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 12:15	Jodi Henson	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: Bill to Devon
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 5.1	Sample Condition Cool / Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☑ Yes ☑ Yes ☐ No ☐ No		Thermometer ID #113 Correction Factor None

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.1 06/04/20

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 06, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PARKWAY WEST UNIT #15

Enclosed are the results of analyses for samples received by the laboratory on 04/05/21 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	04/05/2021	Sampling Date:	04/02/2021
Reported:	04/06/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST UNIT #15	Sampling Condition:	** (See Notes)
Project Number:	1- 50	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

Sample ID: S- 1 NORTH (H210820-01)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	04/06/2021	ND	416	104	400	0.00	

Sample ID: S- 2 EAST (H210820-02)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	04/06/2021	ND	400	100	400	3.92	

Sample ID: S- 4 WEST (H210820-03)

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1330**	16.0	04/06/2021	ND	400	100	400	3.92	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Pima Environmental
Project Manager: Tom Bynum
Address: 1601 N. Turner
City: Hobbs State: NM Zip: 88240
Phone #: 580-748-1613 Fax #:
Project #: 1-50 Project Owner:
Project Name: Parkway West Unit #15
Project Location:
Sampler Name: CJD

BILL TO
P.O. #: 20788665
Company: Devon
Attn: Wes Mathews
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Chlorides
H21082															
1	S-1 North	C				X					X		4/2	8:10	X
2	S-2 East	C				X					X		4/2	8:15	X
3	S-4 West	C				X					X		4/2	8:00	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Date: 4/2/21 Time:
Received By:

Relinquished By: Date: 4-5-21 Time: 0810
Received By: Tamara Oldaker

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C 7.0
Corrected Temp. °C
Sample Condition: Cool ☐ Yes ☑ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) TO

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113
Correction Factor None
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.1 10/07/20

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 23, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PARKWAY WEST UNIT #15

Enclosed are the results of analyses for samples received by the laboratory on 04/21/21 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	04/21/2021	Sampling Date:	04/20/2021
Reported:	04/23/2021	Sampling Type:	Soil
Project Name:	PARKWAY WEST UNIT #15	Sampling Condition:	** (See Notes)
Project Number:	50	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

Sample ID: S 1 - N COMP (H211011-01)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	04/23/2021	ND	400	100	400	0.00	

Sample ID: S 3 - SOUTH COMP (H211011-02)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/23/2021	ND	400	100	400	0.00	

Sample ID: S 4 - W COMP (H211011-03)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/23/2021	ND	400	100	400	0.00	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

WO#: WBS 20788665

Company Name: Devon Energy		**BILL TO**	
Project Manager: Tom Bynum		P.O. #:	
Address: 601 N. Turner Ste 500		Company: Devon Energy	
City: Hobbs	State: NM Zip: 88240	Attn:	
Phone #:	Fax #:	Address:	
Project #: 50	Project Owner:	City:	
Project Name: Parkway West 15		State: Zip:	
Project Location:		Phone #:	
Sampler Name: GG		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	50 TPH (8015)	50 BTEX (8021)	Chlorides
H211011																	
1	S1-N Comp	C	1			X					X		4120		X	X	X
2	S3-South Comp												4120				
3	S4-W Comp												4121				

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Sebastian O.	Date: 4-21-21 Time: 1140	Received By: Tamara Oldaker	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 11.4 Corrected Temp. °C	Sample Condition Cool Intact ☐ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials) TO

Turnaround Time: Standard ☑ Rush ☐ Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No Observed Temp. °C Corrected Temp. °C

Thermometer ID #113
Correction Factor None

FORM-006 R 3.1 06/04/20

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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1625 N. French Dr., Hobbs, NM 88240
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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 25813

CONDITIONS

Operator: Pima Environmental Services, LLC 5614 N Lovington Hwy Hobbs, NM 88240	OGRID: 329999
	Action Number: 25813
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	12/28/2022