State of New Mexico
Oil Conservation Division

Incident ID	NAB1515649061
District RP	2RP-3031
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?	<50' (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	NAB1515649061
District RP	2RP-3031
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: EHS Professional

Signature: Dale Woodall Date: 1/3/2023

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

OCD Only

Received by: Jocelyn Harimon Date: 01/03/2023

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAB1515649061
District RP	2RP-3031
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: EHS Professional

Signature: Dale Woodall Date: 1/1/2023

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

OCD Only

Received by: Jocelyn Harimon Date: 01/03/2023

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

Closure Approved by: Brittany Hall Date: 1/4/2023

Printed Name: Brittany Hall Title: Environmental Specialist

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

March 15th, 2020

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 Assessment and Closure Report
Burton Flats Deep Unit #52H
API No. 30-015-30780
GPS: Latitude 32.511694 Longitude -104.169029
UL "H", Sec. 3, T21S, R27E
Eddy County, NM
NMOCD Ref. No. NAB1515649061 (2RP-3031)

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 has prepared this Closure Report for a produced water release that occurred at the Burton Flats Deep Unit #52 (Burton Flats). The initial C-141 was submitted on June 4th, 2015 (Appendix C). This incident was assigned 2RP-3031, Incident ID NAB1515649061, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Burton Flats is located approximately seven (7) miles northeast of Carlsbad, NM. This spill site is in Unit H, Section 3, Township 21S, Range 27E, Latitude 32.511694, Longitude -104.169029, Eddy County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- Eolian deposits (Holocene to middle Pleistocene). Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Simona-Bippus complex, 0 to 5 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 Burton Flats (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 38 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 27 feet BGS. The closest waterway is Lake Avalon located approximately 4.12 miles to the southwest of this location. See Appendix A for referenced Surface Water Map.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg	---- 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

2RP-3031: On June 1st, 2015, a Devon lease operator found a pinhole leak on the water transfer line, which caused fluid to release into the pasture beside the lease road. The lease operator shut the well down, a vac truck was called out to empty the line for repairs. No fluid was recovered from the area.

Site Assessment and Soil Sampling Results

On December 29th, 2020 Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in the following data table.

12-29-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 12-29-20		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
S-1	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND
S-2	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND
S-3	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND
S-4	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND
S-5	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	78
S-6	0-6	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	130
	2	ND	ND	ND	ND	ND	ND	200

ND- Analyte Not Detected

Complete Laboratory results can be found attached in Appendix E.

Remediation Activities

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no remediation activities were needed at this location.

Closure Request

After careful review, Pima requests that this incident, NAB1515649061 (2RP-3031), 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 - Photo Documentation
Appendix E - Laboratory Reports

Pima Environmental Services

Figures:

1-Location Map

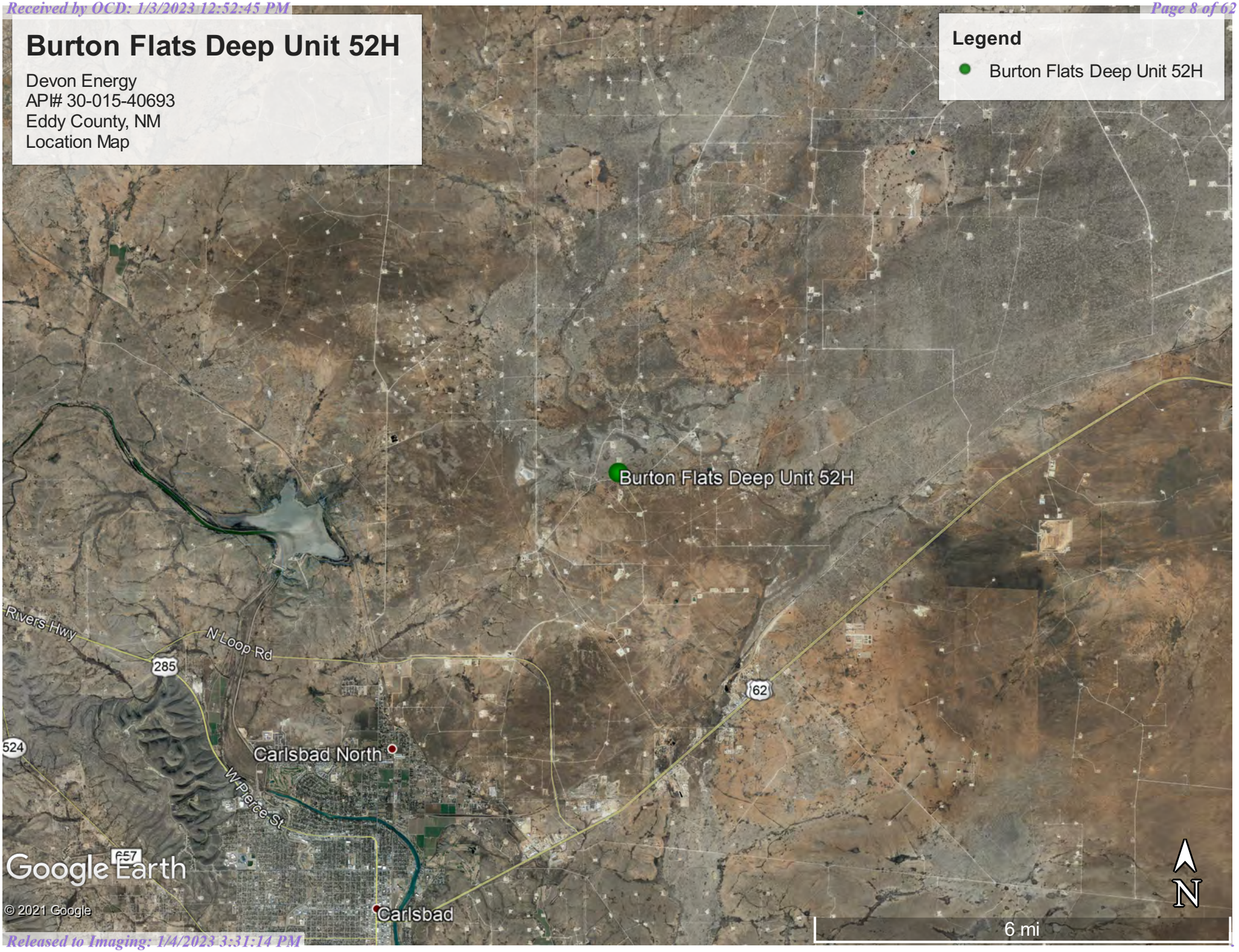
2-TOPO Map

3-Karst Map

4-Site Map

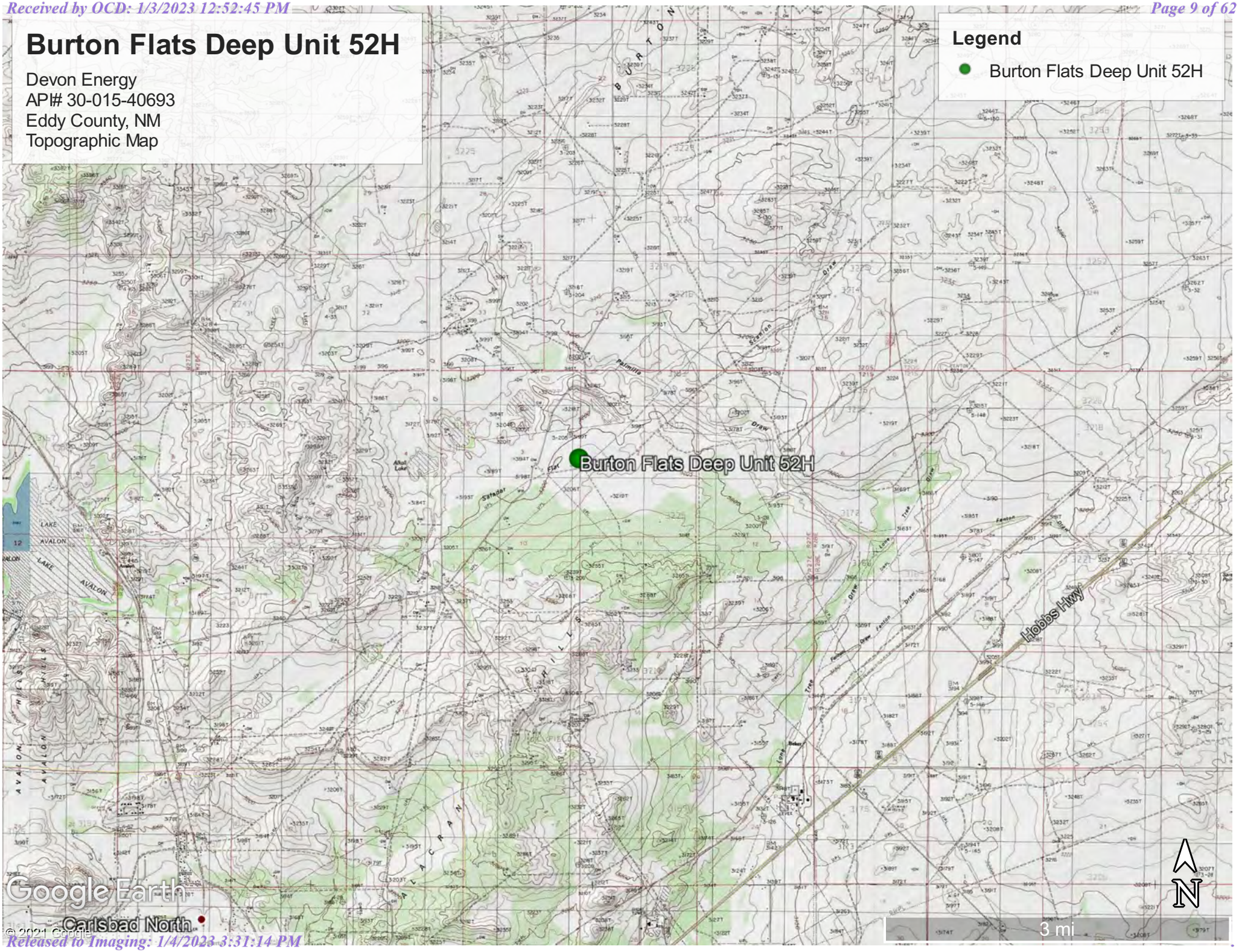
Burton Flats Deep Unit 52H

Devon Energy
API# 30-015-40693
Eddy County, NM
Location Map



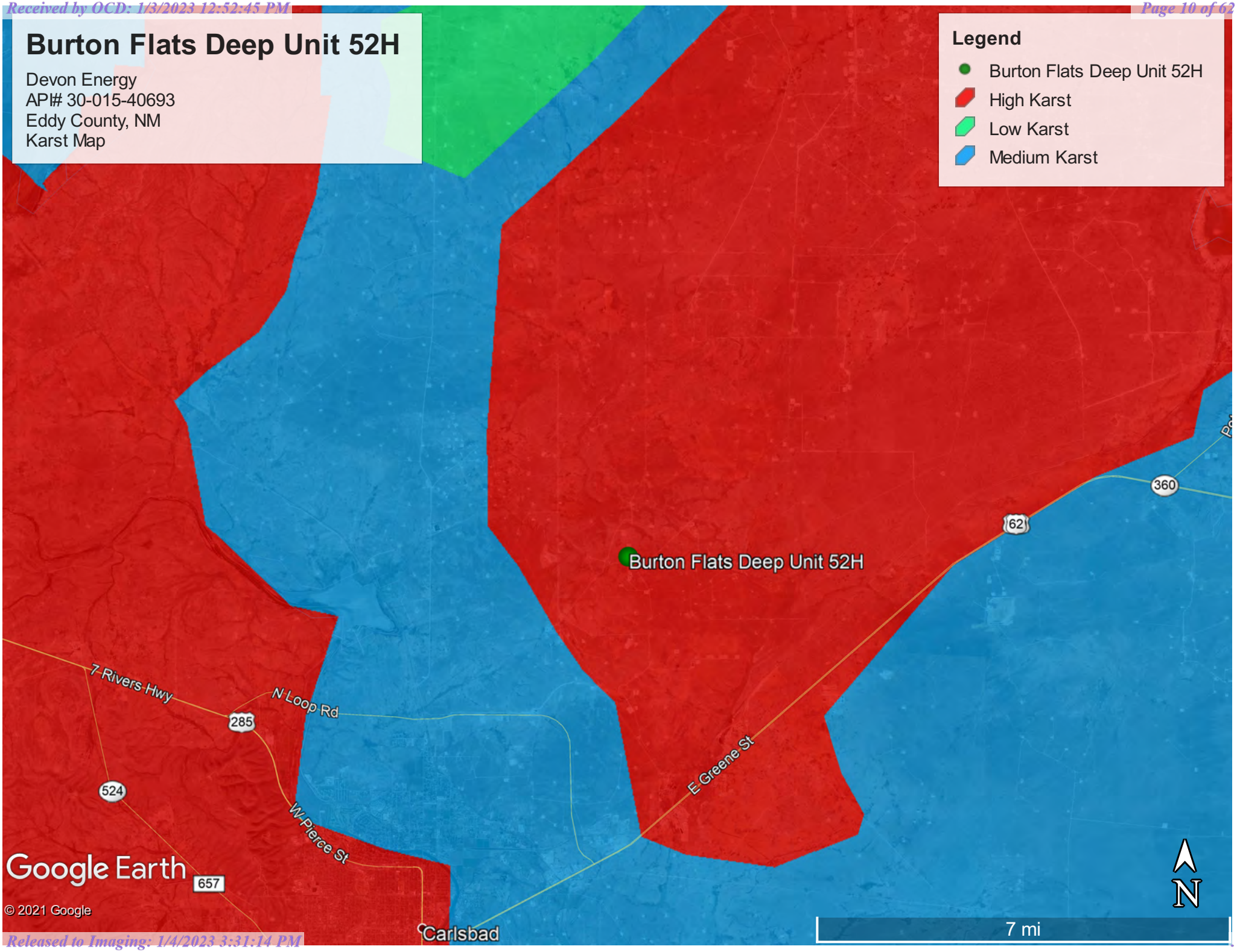
Burton Flats Deep Unit 52H

Devon Energy
API# 30-015-40693
Eddy County, NM
Topographic Map



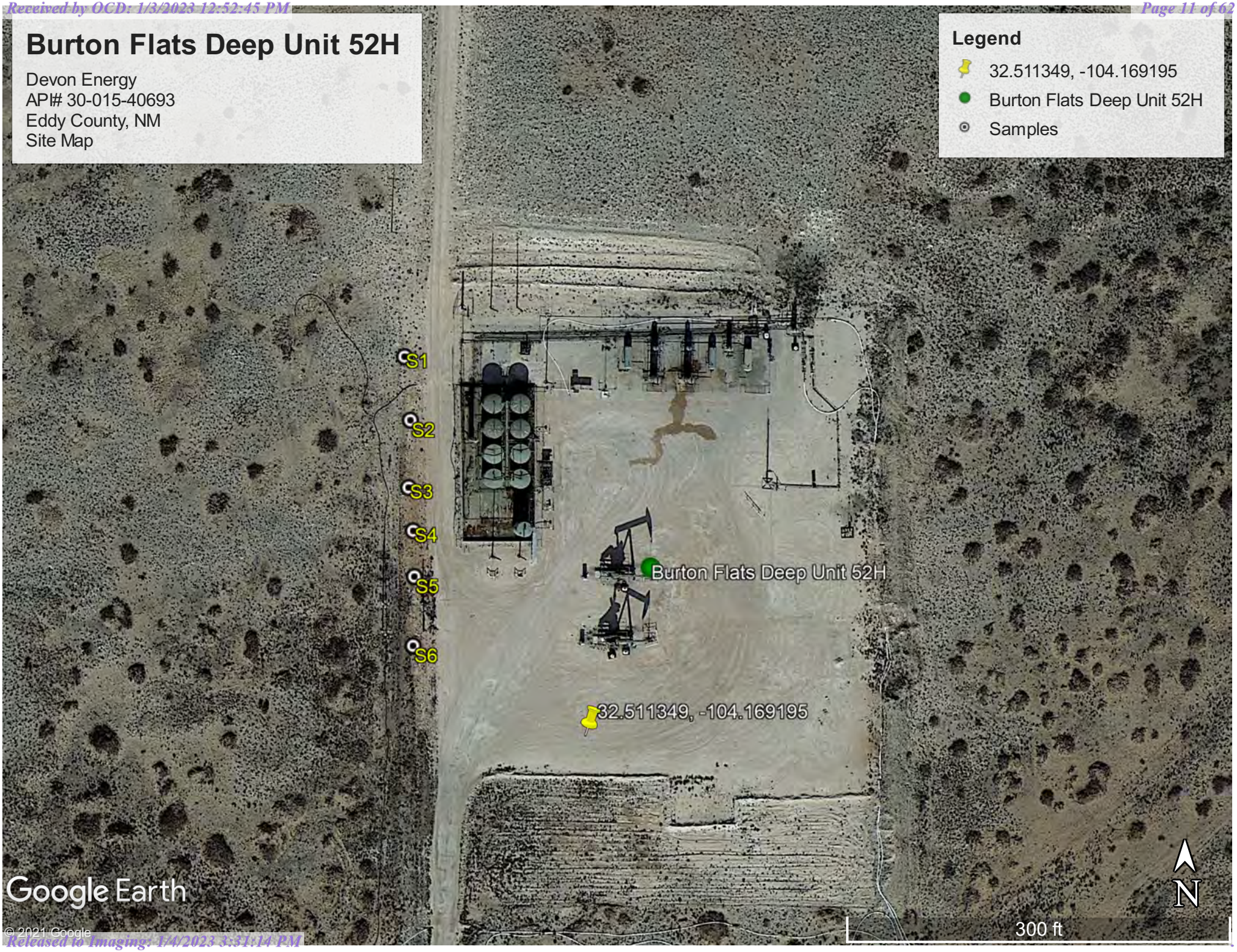
Burton Flats Deep Unit 52H

Devon Energy
API# 30-015-40693
Eddy County, NM
Karst Map



Burton Flats Deep Unit 52H

Devon Energy
API# 30-015-40693
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
C 01142		C	ED	3	1	4	03	21S	27E	577358	3596873*	937	100		
C 00469	C	CUB	ED		1	4	02	21S	27E	579078	3596994*	1074	767		
C 02907		C	ED	3	2	1	03	21S	27E	576959	3597669*	1165	52	14	38
C 03525 POD2		CUB	ED	2	2	2	02	21S	27E	579676	3598362	1821	29	20	9
C 03525 POD1		CUB	ED	1	1	1	01	21S	27E	579702	3598362	1844	31	20	11
C 03525 POD3		CUB	ED	1	1	1	01	21S	27E	579728	3598332	1852	30		
C 03525 POD4		CUB	ED	1	1	1	01	21S	27E	579728	3598362	1867	29		
C 03690 POD1		C	ED	4	1	4	10	21S	27E	577482	3595179	2347	200		
CP 00922 POD1		CP	ED	2	3	3	33	20S	28E	576233	3598956*	2404	47	27	20
C 03689 POD1		C	ED	1	1	2	01	21S	27E	580490	3598014	2454	95	10	85
C 02992		C	ED	3	3	2	01	21S	27E	580594	3597311*	2495	250	186	64
CP 00919 POD2		CP	ED	2	1	3	33	20S	28E	576318	3599357	2616	104	40	64
CP 00919 POD1	R	CP	ED	2	1	3	33	20S	28E	576228	3599359*	2680	24		
CP 00671		CP	ED		1	3	33	20S	28E	576129	3599260*	2682	70	35	35
CP 00920 POD1		CP	ED	2	4	1	33	20S	28E	576627	3599766*	2751	47	29	18
CP 00923 POD1		CP	ED	2	4	1	33	20S	28E	576627	3599766*	2751	57		
C 03350		C	ED	1	4	2	01	21S	27E	580896	3597476	2793	76	8	68
CP 00921 POD1		CP	ED	2	3	1	33	20S	28E	576223	3599763*	2985	52	30	22

Average Depth to Water: **38 feet**
Minimum Depth: **8 feet**
Maximum Depth: **186 feet**

Record Count: 18

UTMNAD83 Radius Search (in meters):

Easting (X): 578102.48 **Northing (Y):** 3597443.46 **Radius:** 3000

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

National Water Information System: Web Interface

USGS Water Resources

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

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- Full News

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 323029104103901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

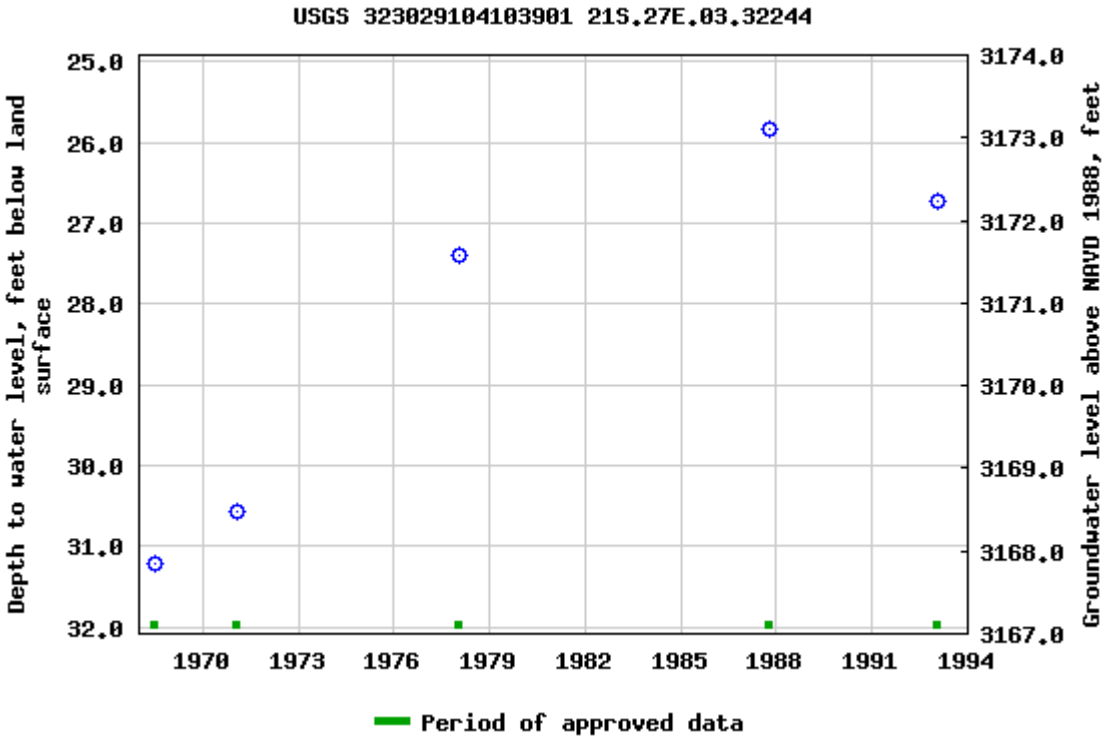
USGS 323029104103901 21S.27E.03.32244

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°30'29", Longitude 104°10'39" NAD27
Land-surface elevation 3,199 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.
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Data Category: Groundwater | Geographic Area: United States | GO

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Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

- 323146104105801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

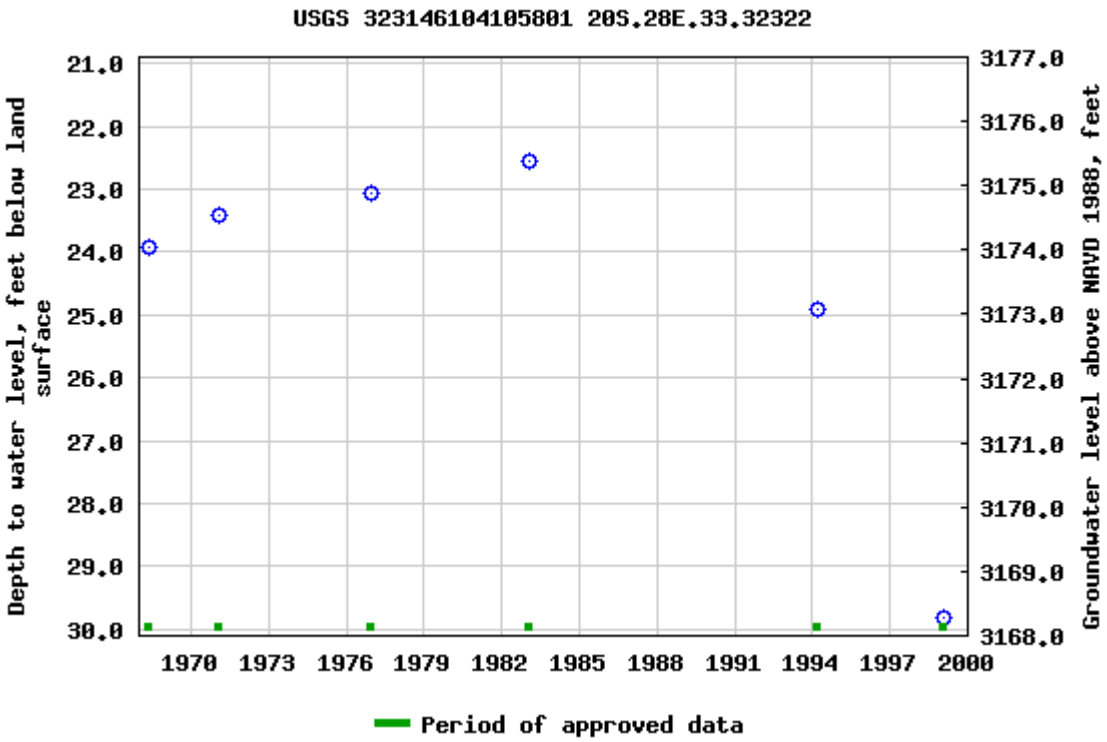
USGS 323146104105801 20S.28E.33.32322

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°31'46", Longitude 104°10'58" NAD27
Land-surface elevation 3,198 feet above NAVD88
The depth of the well is 43 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
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Help
Data Tips
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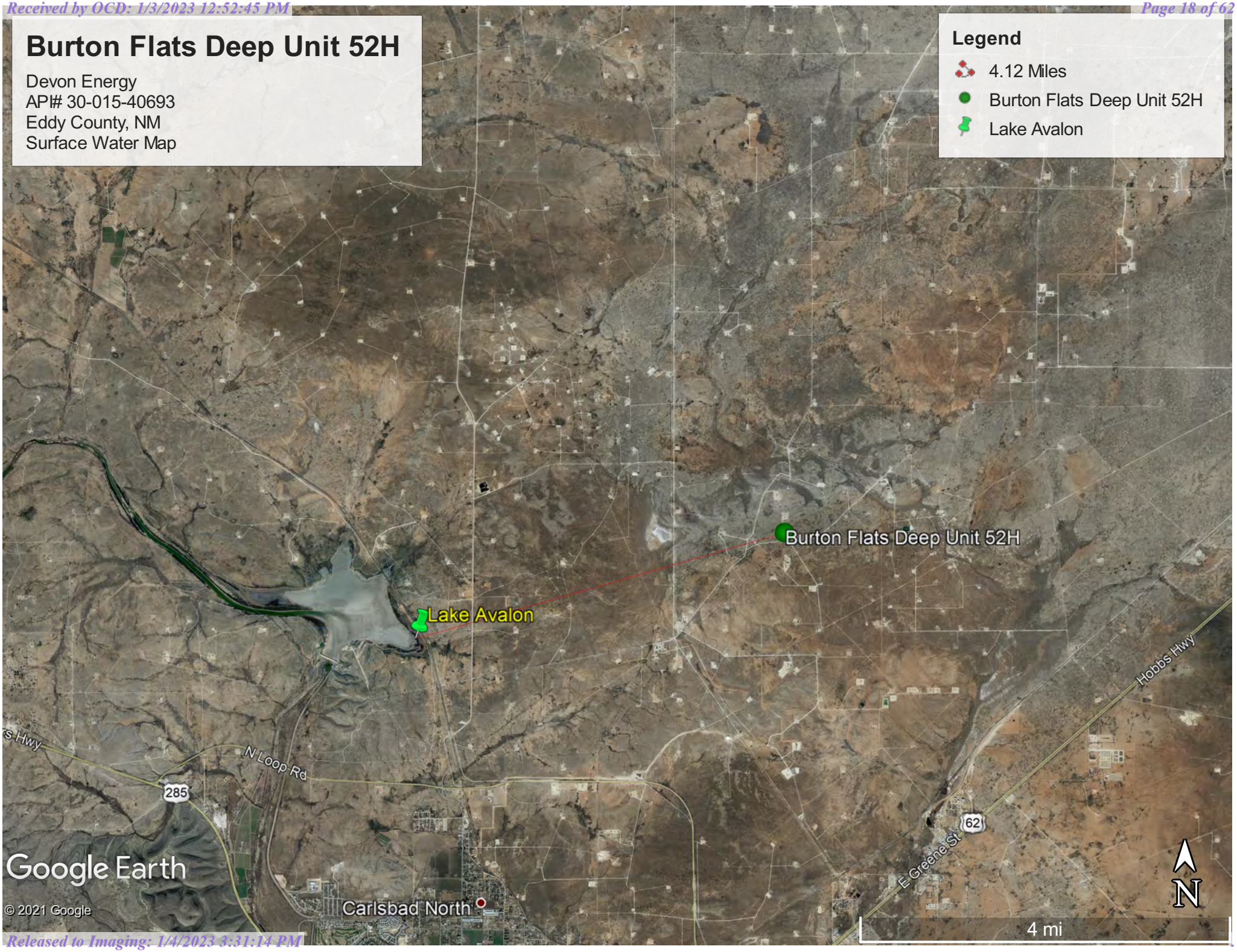
Subscribe for system changes
News

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: 2021-02-15 17:22:17 EST
0.65 0.54 nadww02

Burton Flats Deep Unit 52H

Devon Energy
API# 30-015-40693
Eddy County, NM
Surface Water Map



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

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

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very 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 in profile: 15 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D

Ecological site: Shallow Sandy (R042XC002NM)
Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: Bottomland (R042XC017NM)
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: Shallow Sandy (R042XC002NM)
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: Bottomland (R042XC017NM)

Hydric soil rating: No

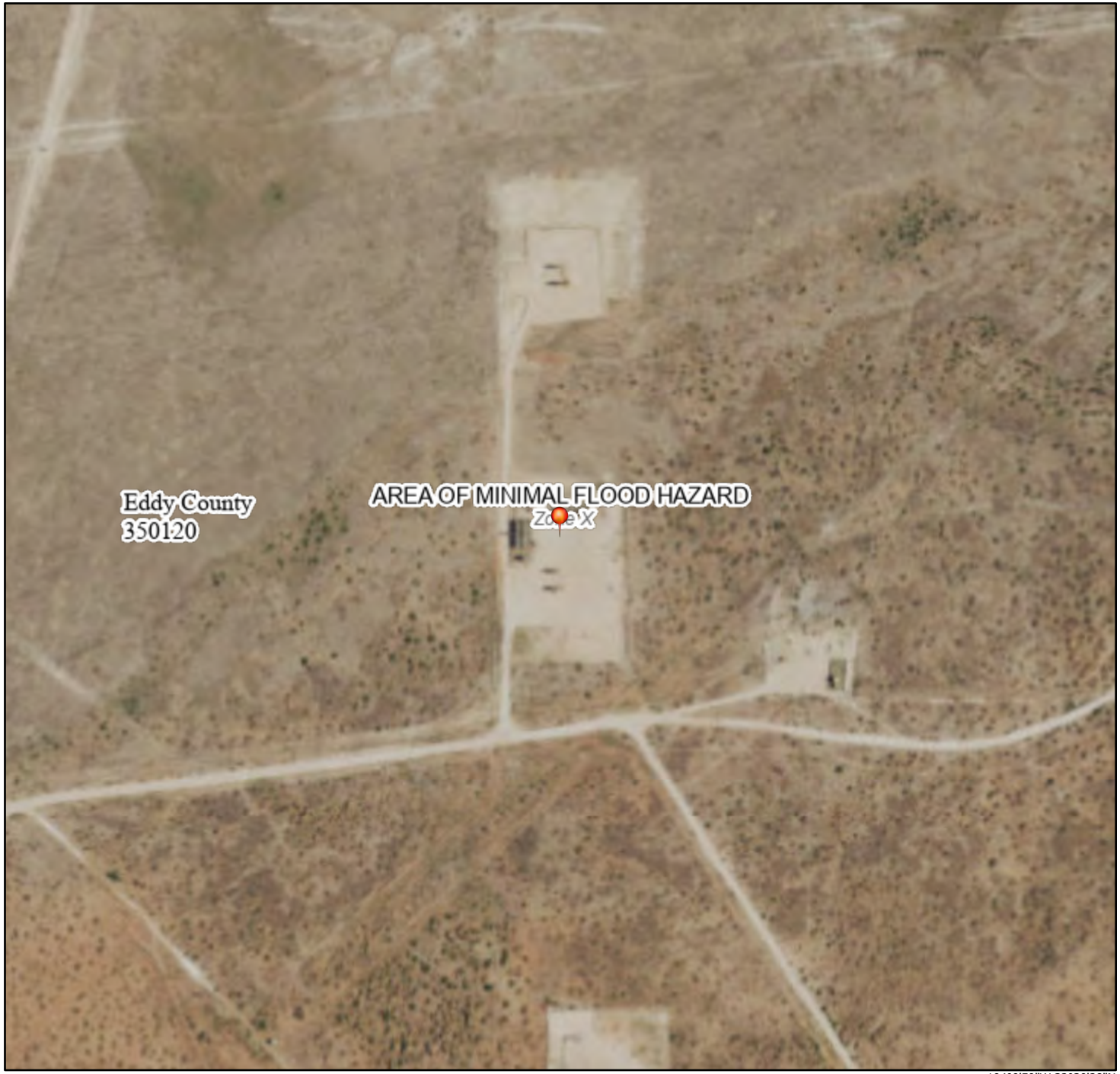
Data Source Information

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

National Flood Hazard Layer FIRMette

FEMA

104°10'27"W 32°30'58"N



104°9'50"W 32°30'28"N

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

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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 Cross Sections with 1% Annual Chance
- 17.5 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 2/16/2021 at 11:57 AM 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
JUN 4 2015
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

nAB1515649001

OPERATOR	☒ Initial Report ☐ Final Report
Name of Company Devon Energy Production 6137	**Contact** Mike McMahan
Address 6488 Seven Rivers Hwy Artesia, NM 88220	**Telephone No.** 575.706.41.65
Facility Name Burton Flat Deep Unit 52	**Facility Type** Oil

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-40693

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	3	21S	27E	4000	FNL	50	FEL	EDDY

Latitude: 32.51155 **Longitude:** 104.1685

NATURE OF RELEASE

Type of Release Spill Produced Water	**Volume of Release** 2 BBL	**Volume Recovered** 0 BBL
Source of Release Pin Hole leak in transfer line	**Date and Hour of Occurrence** 6/1/15 at 1:30 PM	**Date and Hour of Discovery** 6/1/15 at 1:30 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Jim Amos - BLM	
By Whom? Gilbert Sanchez	**Date and Hour** 6/2/15 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.*
June 01, 2015 on the Burton Flat Deep Unit 52/56 at 1:30 pm A Devon lease operator found a pin hole leak on the water transfer line. A 5" clamp was placed over the pin hole to stop the leak.

Describe Area Affected and Cleanup Action Taken.*
Tex-Mex vacuum truck was called out to empty line for repairs and clean up. A 2 BBL spill of produced water and 0 recovered on side of lease road on pasture. Environmental company will be called to evaluate area.

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: Jeanette Barron

Printed Name: **Jeanette Barron**

Title: **Field Admin Support**

E-mail Address: **Jeanette.barron@dvn.com**

Date: 6/4/15 Phone: **575.748.1813**

OIL CONSERVATION DIVISION

Signed By Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 6/6/15 Expiration Date: N/A

Conditions of Approval: Attached ☐

Remediation per O.C.D. Rules & Guidelines
SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 7/9/15

2RP-3031

* Attach Additional Sheets If Necessary

State of New Mexico
Oil Conservation Division

Incident ID	NAB1515649061
District RP	2RP-3031
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?	<50' (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	NAB1515649061
District RP	2RP-3031
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: EHS Professional

Signature: Dale Woodall Date: 1/3/2023

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

OCD Only

Received by: _____ Date: _____

Incident ID	NAB1515649061
District RP	2RP-3031
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: EHS Professional

Signature: Dale Woodall Date: 1/1/2023

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: _____ Date: _____

Printed Name: _____ Title: _____

Pima Environmental Services

Appendix D

Photographic Documentation


Address : Carlsbad, 88220, NM, United States
Latitude : 32°30'42"N
Longitude : 104°10'10"W
Altitude : 980.12 meters
Date : 03/03/2021 09:20 AM
Address : Carlsbad, 88220, NM, United States
Latitude : 32°30'43"N
Longitude : 104°10'10"W
Altitude : 979.41 meters
Date : 03/03/2021 09:20 AM


Address : Carlsbad, 88220, NM, United States
Latitude : 32°30'43"N
Longitude : 104°10'11"W
Altitude : 978.9 meters
Date : 03/03/2021 09:19 AM
Address : Carlsbad, 88220, NM, United States
Latitude : 32°30'42"N
Longitude : 104°10'10"W
Altitude : 979.02 meters
Date : 03/03/2021 09:22 AM


Address : Carlsbad, 88220, NM, United States
Latitude : 32°30'42"N
Longitude : 104°10'10"W
Altitude : 978.94 meters
Date : 03/03/2021 09:21 AM

Pima Environmental Services

Appendix E

Laboratory Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

January 06, 2021

Chris Jones

Pima Environmental Services LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
TEL: (575) 631-6977
FAX

RE: Burton 52H OrderNo.: 2012D35

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 18 sample(s) on 12/31/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 3:00:00 PM
Lab ID: 2012D35-001 **Matrix:** SOIL
Received Date: 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/5/2021 11:10:27 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/5/2021 11:10:27 AM
Surr: DNOP	58.8	30.4-154		%Rec	1	1/5/2021 11:10:27 AM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 1:43:20 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/4/2021 8:29:04 PM
Toluene	ND	0.050		mg/Kg	1	1/4/2021 8:29:04 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/4/2021 8:29:04 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/4/2021 8:29:04 PM
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	1/4/2021 8:29:04 PM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	1/4/2021 8:29:04 PM
Surr: Dibromofluoromethane	95.3	70-130		%Rec	1	1/4/2021 8:29:04 PM
Surr: Toluene-d8	101	70-130		%Rec	1	1/4/2021 8:29:04 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/4/2021 8:29:04 PM
Surr: BFB	89.6	70-130		%Rec	1	1/4/2021 8:29:04 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1- 1'
Project: Burton 52H
Collection Date: 12/29/2020 3:05:00 PM
Lab ID: 2012D35-002 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/5/2021 12:22:33 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/5/2021 12:22:33 PM
Surr: DNOP	39.4	30.4-154		%Rec	1	1/5/2021 12:22:33 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 2:20:33 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/4/2021 11:39:11 PM
Toluene	ND	0.050		mg/Kg	1	1/4/2021 11:39:11 PM
Ethylbenzene	ND	0.050		mg/Kg	1	1/4/2021 11:39:11 PM
Xylenes, Total	ND	0.10		mg/Kg	1	1/4/2021 11:39:11 PM
Surr: 1,2-Dichloroethane-d4	91.0	70-130		%Rec	1	1/4/2021 11:39:11 PM
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	1/4/2021 11:39:11 PM
Surr: Dibromofluoromethane	96.5	70-130		%Rec	1	1/4/2021 11:39:11 PM
Surr: Toluene-d8	103	70-130		%Rec	1	1/4/2021 11:39:11 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/4/2021 11:39:11 PM
Surr: BFB	87.6	70-130		%Rec	1	1/4/2021 11:39:11 PM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1- 2'
Project: Burton 52H
Collection Date: 12/29/2020 3:10:00 PM
Lab ID: 2012D35-003 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/5/2021 12:46:38 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/5/2021 12:46:38 PM
Surr: DNOP	41.8	30.4-154		%Rec	1	1/5/2021 12:46:38 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 2:57:46 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 1:00:20 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 1:00:20 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 1:00:20 AM
Xylenes, Total	ND	0.099		mg/Kg	1	1/5/2021 1:00:20 AM
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	1/5/2021 1:00:20 AM
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	1/5/2021 1:00:20 AM
Surr: Dibromofluoromethane	99.0	70-130		%Rec	1	1/5/2021 1:00:20 AM
Surr: Toluene-d8	94.5	70-130		%Rec	1	1/5/2021 1:00:20 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 1:00:20 AM
Surr: BFB	84.7	70-130		%Rec	1	1/5/2021 1:00:20 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S2- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 3:20:00 PM
Lab ID: 2012D35-004 **Matrix:** SOIL
Received Date: 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/5/2021 3:12:26 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/5/2021 3:12:26 PM
Surr: DNOP	57.6	30.4-154		%Rec	1	1/5/2021 3:12:26 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 3:10:11 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 1:27:22 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 1:27:22 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 1:27:22 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 1:27:22 AM
Surr: 1,2-Dichloroethane-d4	91.6	70-130		%Rec	1	1/5/2021 1:27:22 AM
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	1/5/2021 1:27:22 AM
Surr: Dibromofluoromethane	94.2	70-130		%Rec	1	1/5/2021 1:27:22 AM
Surr: Toluene-d8	101	70-130		%Rec	1	1/5/2021 1:27:22 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 1:27:22 AM
Surr: BFB	82.5	70-130		%Rec	1	1/5/2021 1:27:22 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S2- 1'
Project: Burton 52H
Collection Date: 12/29/2020 3:25:00 PM
Lab ID: 2012D35-005 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/5/2021 3:36:31 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/5/2021 3:36:31 PM
Surr: DNOP	68.0	30.4-154		%Rec	1	1/5/2021 3:36:31 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 3:47:24 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 1:54:23 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 1:54:23 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 1:54:23 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 1:54:23 AM
Surr: 1,2-Dichloroethane-d4	97.9	70-130		%Rec	1	1/5/2021 1:54:23 AM
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	1/5/2021 1:54:23 AM
Surr: Dibromofluoromethane	100	70-130		%Rec	1	1/5/2021 1:54:23 AM
Surr: Toluene-d8	95.3	70-130		%Rec	1	1/5/2021 1:54:23 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 1:54:23 AM
Surr: BFB	82.9	70-130		%Rec	1	1/5/2021 1:54:23 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S2- 2'
Project: Burton 52H
Collection Date: 12/29/2020 3:30:00 PM
Lab ID: 2012D35-006 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	1/5/2021 4:00:44 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 4:00:44 PM
Surr: DNOP	72.2	30.4-154		%Rec	1	1/5/2021 4:00:44 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 3:59:49 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 2:21:24 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 2:21:24 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 2:21:24 AM
Xylenes, Total	ND	0.099		mg/Kg	1	1/5/2021 2:21:24 AM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	1/5/2021 2:21:24 AM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	1/5/2021 2:21:24 AM
Surr: Dibromofluoromethane	96.7	70-130		%Rec	1	1/5/2021 2:21:24 AM
Surr: Toluene-d8	100	70-130		%Rec	1	1/5/2021 2:21:24 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 2:21:24 AM
Surr: BFB	87.7	70-130		%Rec	1	1/5/2021 2:21:24 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S3- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 3:35:00 PM
Lab ID: 2012D35-007 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/5/2021 4:24:48 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 4:24:48 PM
Surr: DNOP	56.0	30.4-154		%Rec	1	1/5/2021 4:24:48 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 4:12:13 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 2:48:23 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 2:48:23 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 2:48:23 AM
Xylenes, Total	ND	0.099		mg/Kg	1	1/5/2021 2:48:23 AM
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	1/5/2021 2:48:23 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	1/5/2021 2:48:23 AM
Surr: Dibromofluoromethane	98.5	70-130		%Rec	1	1/5/2021 2:48:23 AM
Surr: Toluene-d8	101	70-130		%Rec	1	1/5/2021 2:48:23 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 2:48:23 AM
Surr: BFB	81.9	70-130		%Rec	1	1/5/2021 2:48:23 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S3- 1'
Project: Burton 52H
Collection Date: 12/29/2020 3:40:00 PM
Lab ID: 2012D35-008 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	1/5/2021 4:48:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	1/5/2021 4:48:57 PM
Surr: DNOP	49.2	30.4-154		%Rec	1	1/5/2021 4:48:57 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 4:24:37 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 3:15:19 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 3:15:19 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 3:15:19 AM
Xylenes, Total	ND	0.098		mg/Kg	1	1/5/2021 3:15:19 AM
Surr: 1,2-Dichloroethane-d4	88.6	70-130		%Rec	1	1/5/2021 3:15:19 AM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	1/5/2021 3:15:19 AM
Surr: Dibromofluoromethane	92.6	70-130		%Rec	1	1/5/2021 3:15:19 AM
Surr: Toluene-d8	95.5	70-130		%Rec	1	1/5/2021 3:15:19 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 3:15:19 AM
Surr: BFB	80.8	70-130		%Rec	1	1/5/2021 3:15:19 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S3- 2'
Project: Burton 52H
Collection Date: 12/29/2020 3:45:00 PM
Lab ID: 2012D35-009 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/5/2021 5:12:55 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/5/2021 5:12:55 PM
Surr: DNOP	27.6	30.4-154	S	%Rec	1	1/5/2021 5:12:55 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	61		mg/Kg	20	1/5/2021 4:37:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 3:42:17 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 3:42:17 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 3:42:17 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 3:42:17 AM
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	1/5/2021 3:42:17 AM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	1/5/2021 3:42:17 AM
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	1/5/2021 3:42:17 AM
Surr: Toluene-d8	97.3	70-130		%Rec	1	1/5/2021 3:42:17 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 3:42:17 AM
Surr: BFB	83.0	70-130		%Rec	1	1/5/2021 3:42:17 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S4- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 3:50:00 PM
Lab ID: 2012D35-010 **Matrix:** SOIL
Received Date: 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/5/2021 5:37:17 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/5/2021 5:37:17 PM
Surr: DNOP	27.1	30.4-154	S	%Rec	1	1/5/2021 5:37:17 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 4:49:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 4:09:14 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 4:09:14 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 4:09:14 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 4:09:14 AM
Surr: 1,2-Dichloroethane-d4	96.2	70-130		%Rec	1	1/5/2021 4:09:14 AM
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	1/5/2021 4:09:14 AM
Surr: Dibromofluoromethane	96.8	70-130		%Rec	1	1/5/2021 4:09:14 AM
Surr: Toluene-d8	98.2	70-130		%Rec	1	1/5/2021 4:09:14 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 4:09:14 AM
Surr: BFB	87.0	70-130		%Rec	1	1/5/2021 4:09:14 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S4- 1'
Project: Burton 52H
Collection Date: 12/29/2020 3:55:00 PM
Lab ID: 2012D35-011 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/5/2021 6:01:19 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/5/2021 6:01:19 PM
Surr: DNOP	23.0	30.4-154	S	%Rec	1	1/5/2021 6:01:19 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 5:01:51 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 4:36:12 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 4:36:12 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 4:36:12 AM
Xylenes, Total	ND	0.099		mg/Kg	1	1/5/2021 4:36:12 AM
Surr: 1,2-Dichloroethane-d4	98.0	70-130		%Rec	1	1/5/2021 4:36:12 AM
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	1/5/2021 4:36:12 AM
Surr: Dibromofluoromethane	91.9	70-130		%Rec	1	1/5/2021 4:36:12 AM
Surr: Toluene-d8	98.4	70-130		%Rec	1	1/5/2021 4:36:12 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 4:36:12 AM
Surr: BFB	81.9	70-130		%Rec	1	1/5/2021 4:36:12 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S4- 2'
Project: Burton 52H
Collection Date: 12/29/2020 4:00:00 PM
Lab ID: 2012D35-012 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	1/5/2021 6:25:27 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 6:25:27 PM
Surr: DNOP	33.2	30.4-154		%Rec	1	1/5/2021 6:25:27 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	59		mg/Kg	20	1/5/2021 5:14:15 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 5:03:10 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 5:03:10 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 5:03:10 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 5:03:10 AM
Surr: 1,2-Dichloroethane-d4	92.3	70-130		%Rec	1	1/5/2021 5:03:10 AM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	1/5/2021 5:03:10 AM
Surr: Dibromofluoromethane	93.1	70-130		%Rec	1	1/5/2021 5:03:10 AM
Surr: Toluene-d8	96.4	70-130		%Rec	1	1/5/2021 5:03:10 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 5:03:10 AM
Surr: BFB	81.4	70-130		%Rec	1	1/5/2021 5:03:10 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S5- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 4:05:00 PM
Lab ID: 2012D35-013 **Matrix:** SOIL
Received Date: 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/5/2021 6:49:27 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/5/2021 6:49:27 PM
Surr: DNOP	29.3	30.4-154	S	%Rec	1	1/5/2021 6:49:27 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 5:26:40 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 5:30:08 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 5:30:08 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 5:30:08 AM
Xylenes, Total	ND	0.098		mg/Kg	1	1/5/2021 5:30:08 AM
Surr: 1,2-Dichloroethane-d4	97.0	70-130		%Rec	1	1/5/2021 5:30:08 AM
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	1/5/2021 5:30:08 AM
Surr: Dibromofluoromethane	96.8	70-130		%Rec	1	1/5/2021 5:30:08 AM
Surr: Toluene-d8	101	70-130		%Rec	1	1/5/2021 5:30:08 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 5:30:08 AM
Surr: BFB	84.8	70-130		%Rec	1	1/5/2021 5:30:08 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S5- 1'
Project: Burton 52H
Collection Date: 12/29/2020 4:10:00 PM
Lab ID: 2012D35-014 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	1/5/2021 7:13:42 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 7:13:42 PM
Surr: DNOP	29.7	30.4-154	S	%Rec	1	1/5/2021 7:13:42 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 5:39:04 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 5:57:05 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 5:57:05 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 5:57:05 AM
Xylenes, Total	ND	0.098		mg/Kg	1	1/5/2021 5:57:05 AM
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%Rec	1	1/5/2021 5:57:05 AM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	1/5/2021 5:57:05 AM
Surr: Dibromofluoromethane	94.5	70-130		%Rec	1	1/5/2021 5:57:05 AM
Surr: Toluene-d8	96.1	70-130		%Rec	1	1/5/2021 5:57:05 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 5:57:05 AM
Surr: BFB	84.8	70-130		%Rec	1	1/5/2021 5:57:05 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S5- 2'
Project: Burton 52H
Collection Date: 12/29/2020 4:15:00 PM
Lab ID: 2012D35-015 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	1/5/2021 7:37:44 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 7:37:44 PM
Surr: DNOP	25.8	30.4-154	S	%Rec	1	1/5/2021 7:37:44 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	78	60		mg/Kg	20	1/5/2021 6:16:17 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 6:24:03 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 6:24:03 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 6:24:03 AM
Xylenes, Total	ND	0.098		mg/Kg	1	1/5/2021 6:24:03 AM
Surr: 1,2-Dichloroethane-d4	94.7	70-130		%Rec	1	1/5/2021 6:24:03 AM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	1/5/2021 6:24:03 AM
Surr: Dibromofluoromethane	97.5	70-130		%Rec	1	1/5/2021 6:24:03 AM
Surr: Toluene-d8	97.1	70-130		%Rec	1	1/5/2021 6:24:03 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 6:24:03 AM
Surr: BFB	80.9	70-130		%Rec	1	1/5/2021 6:24:03 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S6- 0-6"
Project: Burton 52H
Collection Date: 12/29/2020 4:20:00 PM
Lab ID: 2012D35-016 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/5/2021 8:01:52 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	1/5/2021 8:01:52 PM
Surr: DNOP	36.0	30.4-154		%Rec	1	1/5/2021 8:01:52 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	ND	60		mg/Kg	20	1/5/2021 6:28:42 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 6:51:25 AM
Toluene	ND	0.049		mg/Kg	1	1/5/2021 6:51:25 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/5/2021 6:51:25 AM
Xylenes, Total	ND	0.099		mg/Kg	1	1/5/2021 6:51:25 AM
Surr: 1,2-Dichloroethane-d4	96.3	70-130		%Rec	1	1/5/2021 6:51:25 AM
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	1/5/2021 6:51:25 AM
Surr: Dibromofluoromethane	97.6	70-130		%Rec	1	1/5/2021 6:51:25 AM
Surr: Toluene-d8	99.8	70-130		%Rec	1	1/5/2021 6:51:25 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/5/2021 6:51:25 AM
Surr: BFB	83.6	70-130		%Rec	1	1/5/2021 6:51:25 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S6- 1'
Project: Burton 52H
Collection Date: 12/29/2020 4:25:00 PM
Lab ID: 2012D35-017 **Matrix:** SOIL **Received Date:** 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	1/5/2021 8:25:53 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	1/5/2021 8:25:53 PM
Surr: DNOP	28.9	30.4-154	S	%Rec	1	1/5/2021 8:25:53 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	130	59		mg/Kg	20	1/5/2021 6:41:06 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 7:18:43 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 7:18:43 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 7:18:43 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 7:18:43 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	1/5/2021 7:18:43 AM
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	1/5/2021 7:18:43 AM
Surr: Dibromofluoromethane	95.6	70-130		%Rec	1	1/5/2021 7:18:43 AM
Surr: Toluene-d8	108	70-130		%Rec	1	1/5/2021 7:18:43 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 7:18:43 AM
Surr: BFB	84.3	70-130		%Rec	1	1/5/2021 7:18:43 AM

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

Qualifiers:

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

Analytical Report
Lab Order **2012D35**
Date Reported: **1/6/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S6- 2'
Project: Burton 52H
Collection Date: 12/29/2020 4:30:00 PM
Lab ID: 2012D35-018 **Matrix:** SOIL
Received Date: 12/31/2020 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	1/5/2021 8:50:03 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	1/5/2021 8:50:03 PM
Surr: DNOP	33.9	30.4-154		%Rec	1	1/5/2021 8:50:03 PM
EPA METHOD 300.0: ANIONS						Analyst: **VP**
Chloride	200	60		mg/Kg	20	1/5/2021 6:53:31 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	1/5/2021 7:45:58 AM
Toluene	ND	0.050		mg/Kg	1	1/5/2021 7:45:58 AM
Ethylbenzene	ND	0.050		mg/Kg	1	1/5/2021 7:45:58 AM
Xylenes, Total	ND	0.10		mg/Kg	1	1/5/2021 7:45:58 AM
Surr: 1,2-Dichloroethane-d4	92.4	70-130		%Rec	1	1/5/2021 7:45:58 AM
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	1/5/2021 7:45:58 AM
Surr: Dibromofluoromethane	89.6	70-130		%Rec	1	1/5/2021 7:45:58 AM
Surr: Toluene-d8	103	70-130		%Rec	1	1/5/2021 7:45:58 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/5/2021 7:45:58 AM
Surr: BFB	89.4	70-130		%Rec	1	1/5/2021 7:45:58 AM

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

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **MB-57337**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **57337**	RunNo: **74410**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2627117**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-57337**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **57337**	RunNo: **74410**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2627118**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **LCS-57320**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **57320**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2625833**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.6	30.4	154			

Sample ID: **MB-57320**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **57320**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2625834**	Units: **%Rec**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		98.7	30.4	154			

Sample ID: **2012D35-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S1- 0-6"**	Batch ID: **57314**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2626771**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.6	48.03	0	83.2	15	184			
Surr: DNOP	1.8		4.803		36.6	30.4	154			

Sample ID: **2012D35-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **S1- 0-6"**	Batch ID: **57314**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2626772**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.5	47.66	0	76.5	15	184	9.13	23.9	
Surr: DNOP	1.4		4.766		29.1	30.4	154	0	0	S

Sample ID: **LCS-57314**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **57314**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2626790**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.9	68.9	141			
Surr: DNOP	4.6		5.000		91.2	30.4	154			

Sample ID: **MB-57314**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **57314**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2626791**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **MB-57314**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **57314**	RunNo: **74381**							
Prep Date: **1/4/2021**	Analysis Date: **1/5/2021**	SeqNo: **2626791**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		97.5	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **lcs-57305** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625937** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.9	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	109	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.0	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.6	70	130			
Surr: Dibromofluoromethane	0.46		0.5000		92.9	70	130			
Surr: Toluene-d8	0.53		0.5000		105	70	130			

Sample ID: **mb-57305** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625938** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.9	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.9	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.0	70	130			
Surr: Toluene-d8	0.52		0.5000		105	70	130			

Sample ID: **2012d35-001ams** SampType: **MS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **S1- 0-6"** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625940** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	0.9921	0	99.4	71.1	115			
Toluene	1.1	0.050	0.9921	0	110	79.6	132			
Ethylbenzene	1.1	0.050	0.9921	0	115	83.8	134			
Xylenes, Total	3.2	0.099	2.976	0	109	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.47		0.4960		94.6	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.4960		98.4	70	130			
Surr: Dibromofluoromethane	0.45		0.4960		91.6	70	130			
Surr: Toluene-d8	0.51		0.4960		102	70	130			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **2012d35-001amsd** SampType: **MSD4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **S1- 0-6"** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625941** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9901	0	106	71.1	115	6.02	20	
Toluene	1.1	0.050	0.9901	0	111	79.6	132	0.505	20	
Ethylbenzene	1.1	0.050	0.9901	0	112	83.8	134	3.04	20	
Xylenes, Total	3.1	0.099	2.970	0	104	82.4	132	5.34	20	
Surr: 1,2-Dichloroethane-d4	0.47		0.4950		95.3	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.49		0.4950		98.4	70	130	0	0	
Surr: Dibromofluoromethane	0.48		0.4950		98.0	70	130	0	0	
Surr: Toluene-d8	0.52		0.4950		104	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2012D35**
06-Jan-21

Client: Pima Environmental Services LLC
Project: Burton 52H

Sample ID: **lcs-57305** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625966** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.9	70	130			
Surr: BFB	450		500.0		90.2	70	130			

Sample ID: **mb-57305** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/4/2021** SeqNo: **2625968** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	440		500.0		87.5	70	130			

Sample ID: **2012d35-002ams** SampType: **MS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **S1- 1'** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/5/2021** SeqNo: **2625973** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.78	0	88.1	49.2	122			
Surr: BFB	400		495.5		81.5	70	130			

Sample ID: **2012d35-002amsd** SampType: **MSD** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **S1- 1'** Batch ID: **57305** RunNo: **74384**
Prep Date: **1/2/2021** Analysis Date: **1/5/2021** SeqNo: **2625974** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.88	0	89.4	49.2	122	1.84	20	
Surr: BFB	440		497.5		88.0	70	130	0	0	

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Pima Environmental Services LLC** Work Order Number: **2012D35** RcptNo: 1

Received By: **Sean Livingston** **12/31/2020 9:55:00 AM** S Livingston

Completed By: **Desiree Dominguez** **12/31/2020 10:24:22 AM** DD

Reviewed By: SGL 12/31/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: JR 12/31/20

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner ste500
Hobbs, NM 88240

Phone #: 575-631-6977

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 Day
☑ Standard ☐ Rush

Project Name: Burton 52H

Project #: #64

Project Manager: Chris Jones

Sampler:

On Ice: ☑ Yes ☐ No SGC 12/31/20

# of Coolers: ~~1.8±0=1.8°C~~ 1

Cooler Temp(including CF): 1.8±0=1.8°C (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2012D35	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
12/29	1500		S1-0-6"	Glass	ICE	-001											
	1505		S1-1'			-002											
	1510		S1-2'			-003											
	1520		S2-0-6"			-004											
	1525		S2-1'			-005											
	1530		S2-2'			-006											
	1535		S3-0-6"			-007											
	1540		S3-1'			-008											
	1545		S3-2'			-009											
	1550		S4-0-6"			-010											
	1555		S4-1'			-011											
	1600		S4-2'			-012											

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12/30/20	0900				12/30/20	1900
12/30/20	1900		SGC	FedEx	12/31/20	9:55

Remarks:
Bill to Devon

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

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner Ste 500 Hobbs, NM 88240

Phone #: 575 631-6977

email or Fax#:

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

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 Days
☑ Standard ☐ Rush

Project Name: Burton 52H

Project #: #64

Project Manager: Chris Jones

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.8 +0 = 1.8 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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12/29	1605		SS-0-6"	Glass	ICE	-013											
	1610		SS-1'			-014											
	1625		SS-2'			-015											
	1620		S6-0-6"			-016											
	1625		S6-1'			-017											
	1630		S6-2'			-018											

Date	Time	Relinquished by	Received by	Via	Date	Time
12/30/20	0900				12/30/20	0900
12/30/20	1900			FedEx	12/31/20	9:55

Remarks: Bill to Devon

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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 171762

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 171762
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	1/4/2023