Pima Environmental Services
5614 N. Lovington Highway
Hobbs, NM 88240
575-964-7740

June 23, 2022

Bureau of Land Management
620 East Green Street
Carlsbad, NM 88220

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

Re: Site Assessment, Remediation, and Closure Report
Dorami 33 Federal Com #2H
API No. 30-015-46010
GPS: Latitude 32.615075 Longitude -104.478445
UL L, Sec. 34, T19S, R25E
Eddy County, NM
NMOCD Ref. No. NRM2007953992

Pima Environmental Services, LLC. (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment, remediation, and submit this closure report for a produced water release that occurred at the Dorami 33 Federal Com #2H (Dorami). The initial C-141 was submitted on March 21,2020 (Appendix C). This incident was assigned Incident ID NRM2007953992 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Dorami is located approximately 18 miles Northwest of Carlsbad, NM. This spill site is in Unit L, Section 34, Township 19S, Range 25E, Latitude 32.615075 Longitude -104.478445, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Reagan Upton association, 0 to 9 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 around the Dorami (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 nearest groundwater is 154 feet BGS. The closest waterway is Brantley Lake located approximately 5.65 miles to the Southeast of this location. 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
<50' (High Karst)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Release Information

NRM2007953992: On November 19, 2018, while transferring produced water to the Dorami Frac, TCB Oilfield Service personnel failed to shut down the transfer pump, causing the Frac tanks to over-fill. This created a 30 bbls spill of produce water inside an unlined containment. The released fluids were calculated to be approximately 30 barrels (bbls) of produced water. A vacuum truck was able to recover approximately 27 bbls of fluid.

Site Assessment and Soil Sampling Results

On April 22,2020, Talon LPE mobilized personnel to the site and assessed the spill area. The results of this sampling event can be seen in the following table. Talon LPE proposed a remediation plan that was approved by the NMOCD. (Appendix F).

Sample ID	Depth (ft.)	Sample Date	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Clorides mg/kg
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
B-1	0-1	4/22/2020	ND	ND	ND	ND	ND	ND	1600
	2	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	3	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4	4/22/2020	ND	ND	ND	ND	ND	ND	ND
B-2	0-1	4/22/2020	ND	ND	ND	ND	ND	ND	370
	2'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	3'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
B-3	0-1'	4/22/2020	ND	ND	ND	ND	ND	ND	2000
	2	4/22/2020	ND	ND	ND	ND	ND	ND	61
	3'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
S-1	0-1'R	4/22/2020	ND	ND	ND	16	ND	ND	ND
S-2	0-1'R	4/22/2020	ND	ND	ND	ND	ND	ND	270
S-3	0-1'R	4/22/2020	ND	ND	ND	1700	ND	ND	ND

R = refusal encountered ND = analyte not detected

Remediation Activities

On May 25, 2022, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the contaminated areas to the depth of 1'. Samples were taken during the project to ensure that all contamination had been removed. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On May 28, 2022, after sending a 48-hour notification (Appendix C), Pima collected confirmation samples of the excavated areas. Laboratory results of this sampling event can be found in the following data table. A confirmation sample map can be found in Figure 5.

5-28-22 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to GW is <50' (High Karst)								
Spur Energy - Dorami 33 Fed Com 2H								
Date 5-28-2022		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
CS-1	1'	ND	ND	ND	97.7	61.2	158.9	124
CS-2	1'	ND	ND	ND	116	76.1	192.1	130
CS-3	1'	ND	ND	ND	121	66.2	187.2	74.8
CSW-1	1'	ND	ND	ND	95.3	65.4	160.7	133
CSW-2	1'	ND	ND	ND	147	70.8	217.8	ND
CSW-3	1'	ND	ND	ND	ND	ND	0	124
CSW-4	1'	ND	ND	ND	35.2	ND	35.2	ND
CSW-5	1'	ND	ND	ND	150	85.4	235.4	ND
CSW-6	1'	ND	ND	ND	72.9	57.9	130.8	146
CSW-7	1'	ND	ND	ND	147	74.4	221.4	ND
CSW-8	1'	ND	ND	ND	141	70.9	211.9	ND

ND- Analyte Not Detected

On June 7, 2022, Pima Environmental personnel returned to the site to further excavate the contaminated areas. We excavated 1 more foot of soil from all areas, extended the sidewalls another foot, and recollected confirmation samples. Laboratory results of these sampling events can be found in the following data table.

6-8-22 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to GW is <50' (High Karst)								
Spur Energy - Dorami 33 Fed Com 2H								
Date 6/8/2022		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
CS-1	2'	ND	ND	ND	ND	ND	0	ND
CS-2	2'	ND	ND	ND	ND	ND	0	ND
CS-3	2'	ND	ND	ND	ND	ND	0	ND
CSW-1	2'	ND	ND	ND	ND	ND	0	ND
CSW-2	2'	ND	ND	ND	ND	ND	0	ND
CSW-3	2'	ND	ND	ND	ND	ND	0	ND
CSW-4	2'	ND	ND	ND	ND	ND	0	ND
CSW-5	2'	ND	ND	ND	ND	ND	0	ND
CSW-6	2'	ND	ND	ND	ND	ND	0	ND
CSW-7	2'	ND	ND	ND	ND	ND	0	ND
CSW-8	2'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottom and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was transported to Lea Land, an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See Appendix D for photographic documentation.

Closure Request

After careful review, Pima requests that this incident, NRM2007953992 be closed. Spur 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 Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Confirmation Sample Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141 Form and 48-Hour Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports
Appendix F – NMOCD-Approved Remediation Plan

Pima Environmental Services

Figures:

1 - Location Map

2 - Topographic Map

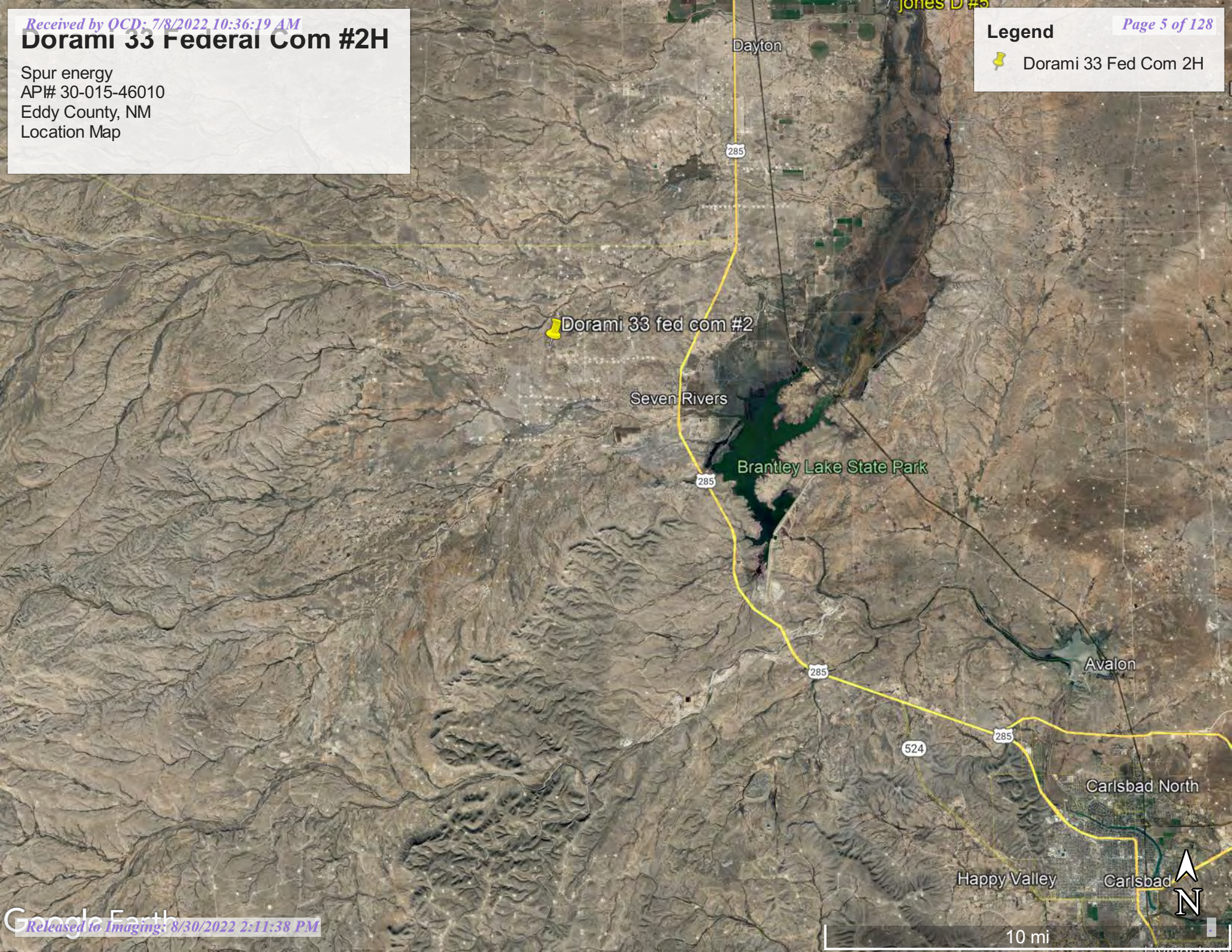
3 - Karst Map

4 - Site Map

5 – Confirmation Sample Map

Dorami 33 Federal Com #2H

Spur energy
API# 30-015-46010
Eddy County, NM
Location Map

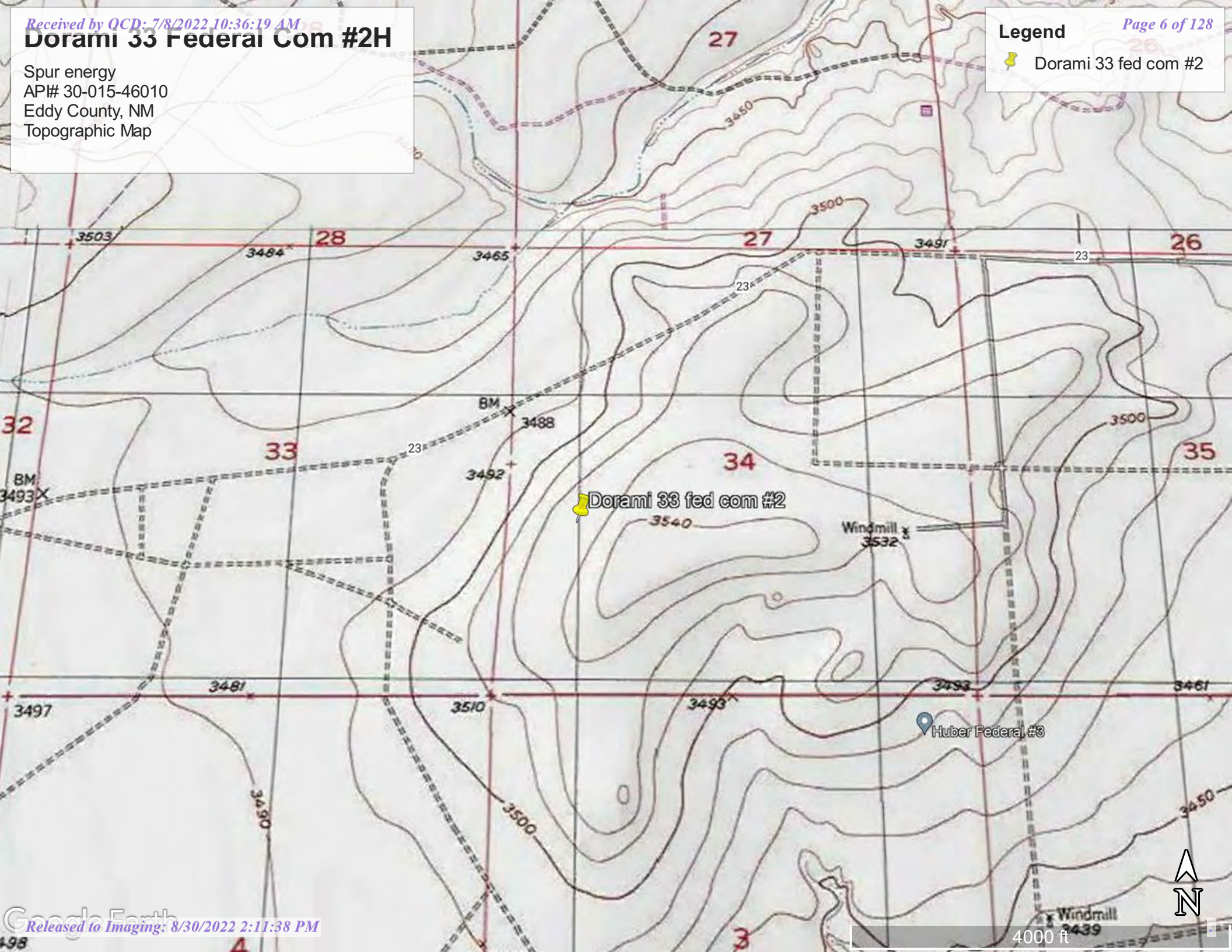


Dorami 33 Federal Com #2H

Spur energy
API# 30-015-46010
Eddy County, NM
Topographic Map

Legend

Dorami 33 fed com #2

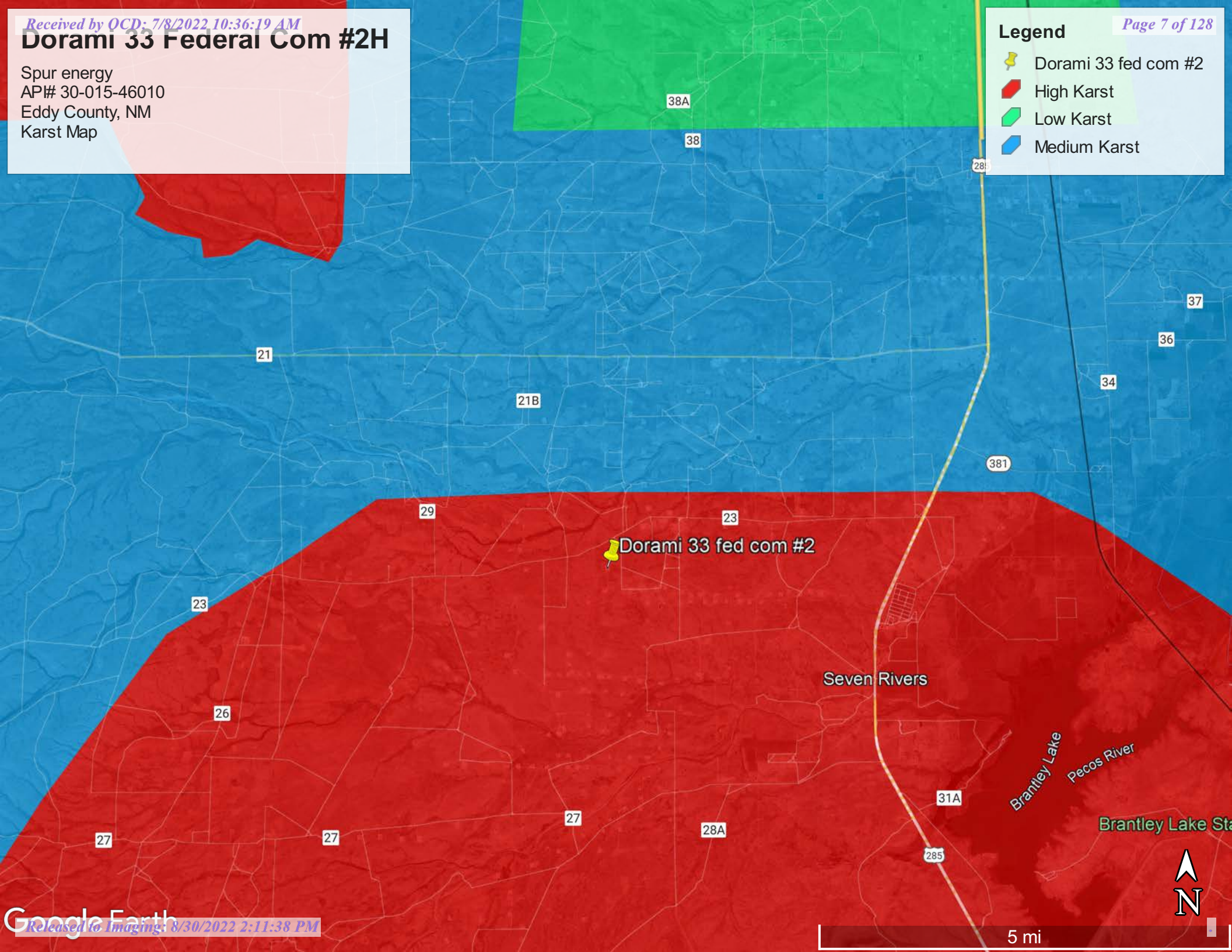


Dorami 33 Federal Com #2H

Spur energy
API# 30-015-46010
Eddy County, NM
Karst Map

Legend

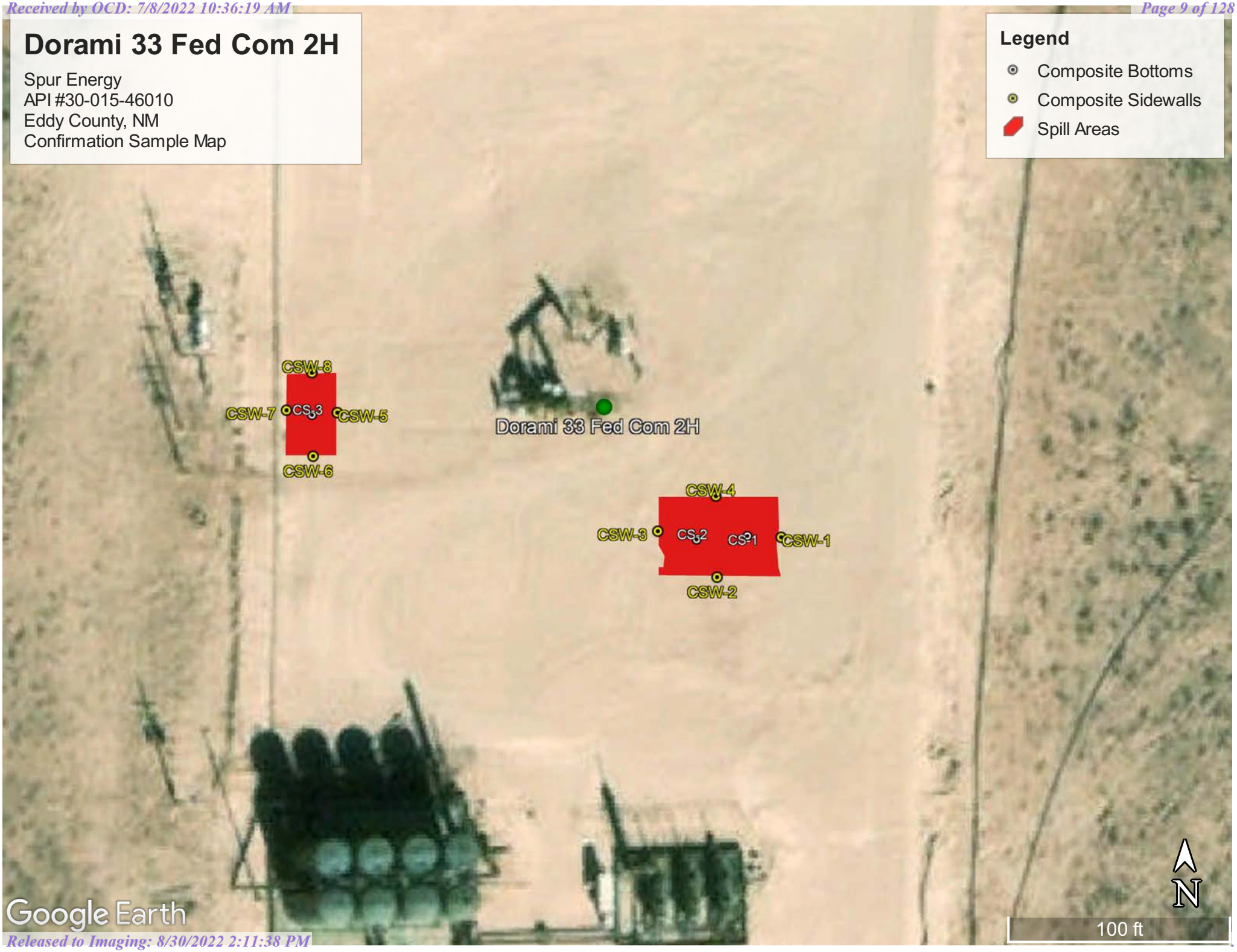
- Dorami 33 fed com #2
- High Karst
- Low Karst
- Medium Karst




Dorami 33 Federal Com #002H
Spur Energy Partners LLC
API # 30-015-46010
Eddy County, NM
Site Map
Legend
Soil Sample
S-3
Spill Area #2
S-2
B-2
B-3
B-1
Spill Area #1
S-1
Google Earth
© 2020 Google
100 ft
N

Dorami 33 Fed Com 2H

Spur Energy
API #30-015-46010
Eddy County, NM
Confirmation Sample 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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 02958		RA	ED		1	4	34	19S	25E	549681	3608740*	747	450		
RA 03018		RA	ED	3	2	4	34	19S	25E	549987	3608639*	1058	530		
RA 03304		RA	ED			1	27	19S	25E	549081	3610973*	2243	130	60	70
RA 08986		RA	ED	1	3	3	22	19S	25E	548825	3611507	2774	320	220	100
RA 10779		RA	ED	1	3	2	10	20S	25E	549580	3606026*	2785	1300		

Average Depth to Water: **140 feet**
Minimum Depth: **60 feet**
Maximum Depth: **220 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 548933.12 **Northing (Y):** 3608734.88 **Radius:** 3000

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

7/6/22 7:48 AM

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

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 323409104281401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

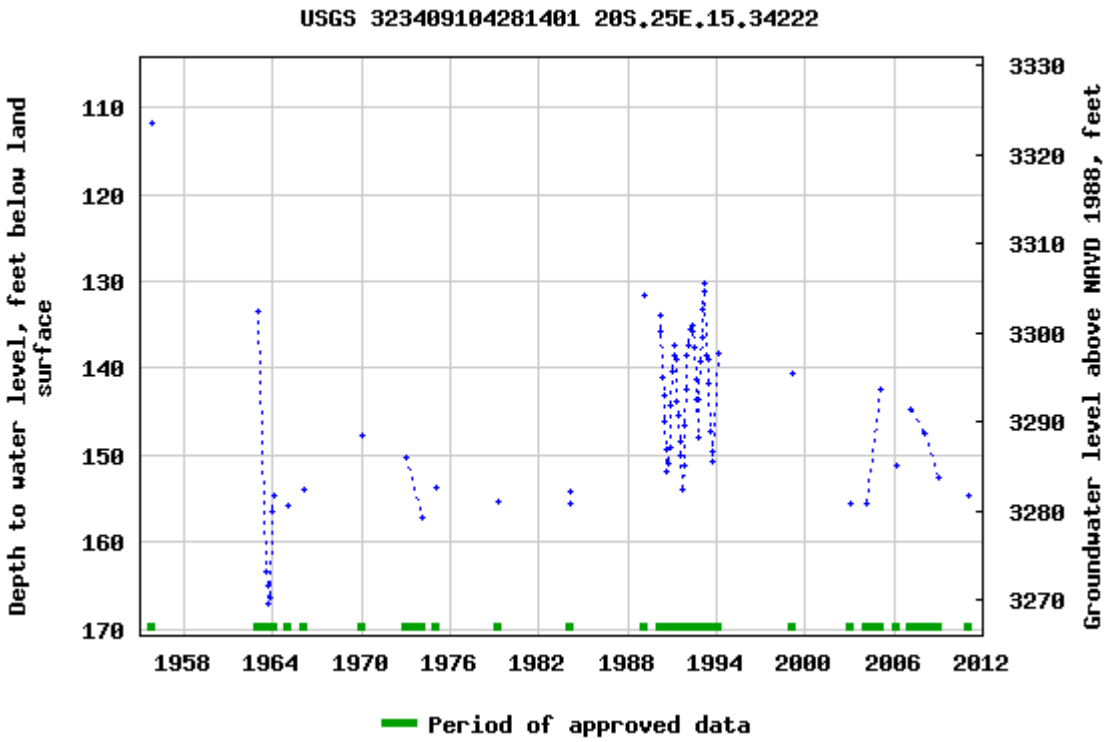
USGS 323409104281401 20S.25E.15.34222

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°34'09", Longitude 104°28'14" NAD27
Land-surface elevation 3,436 feet above NAVD88
The depth of the well is 600 feet below land surface.
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.
This well is completed in the Artesia Group (313ARTS) 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?

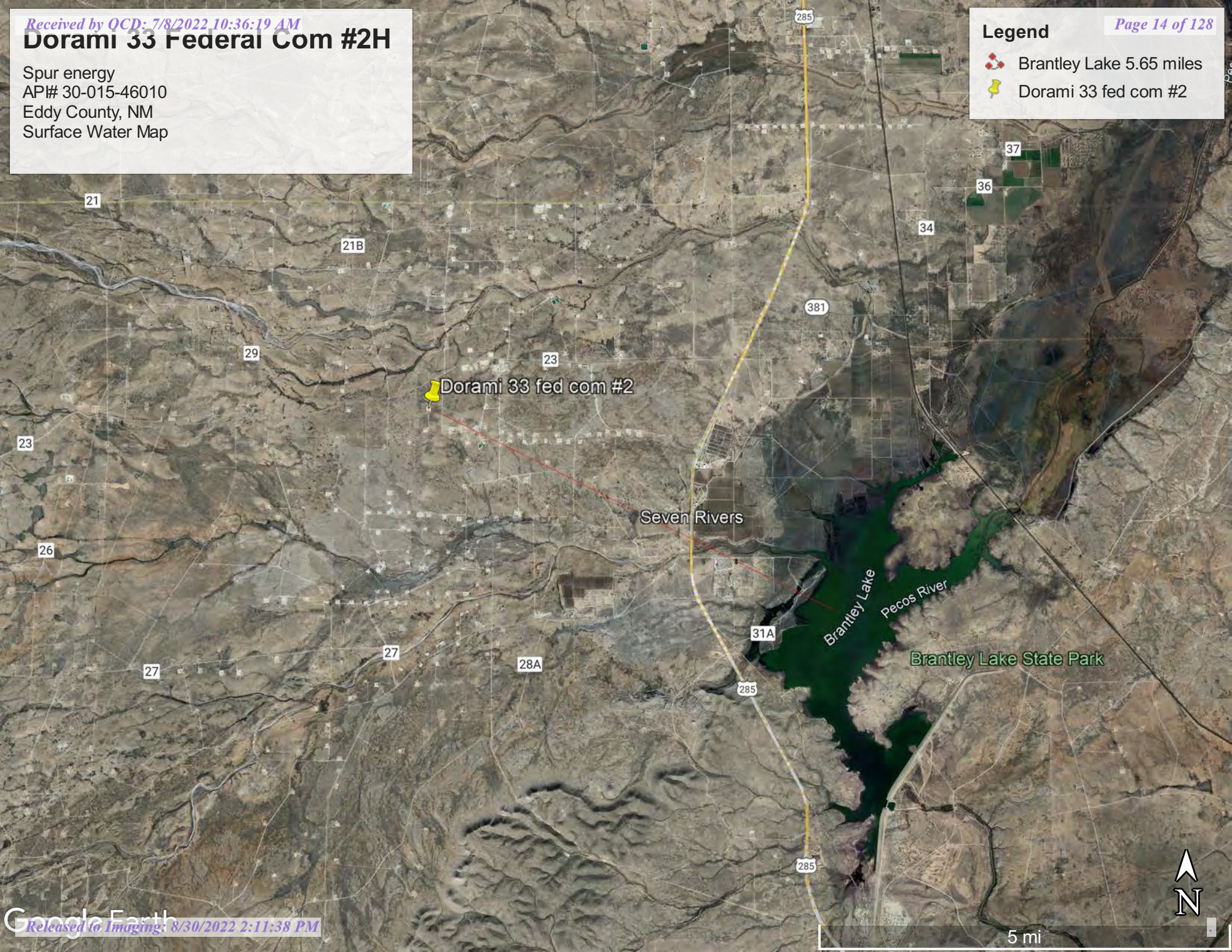
Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2022-05-27 17:05:18 EDT
0.65 0.55 nadww02

Dorami 33 Federal Com #2H

Spur energy
API# 30-015-46010
Eddy County, NM
Surface Water Map

Legend

- Brantley Lake 5.65 miles
- Dorami 33 fed com #2



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d
Elevation: 1,100 to 5,400 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 180 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent
Upton and similar soils: 25 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B
Ecological site: R070DY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070DY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette

FEMA

104°29'1"W 32°37'9"N

104°28'24"W 32°36'39"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 5/27/2022 at 5:11 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 Form

48-Hour Notification

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NRM2007953992
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Spur Energy Partners LLC	OGRID 328947
Contact Name: Kenny Kidd	Contact Telephone 575-616-5400
Contact email: kkidd@spurepllc.com	Incident # *(assigned by OCD) NRM2007953992*
Contact mailing address: 920 Memorial City Way Suite 1000 Houston, TX 77024	

Location of Release Source

Latitude 32. 615075, Longitude -104,478445
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Dorami 33 Federal Com #002H	Site Type Production Facility Battery
Date Release Discovered 11-19-18	API# *30-015-46010*

Unit Letter	Section	Township	Range	County
L	34	19S	25E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 30	Volume Recovered (bbls) 27
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
While transferring produced water to the Dorami Frac, TCB Oilfield Service personnel failed to shut down the transfer pump, causing the Frac tanks to over-fill. This created a 30bbls inside an unlined containment, A Vac truck was utilized to recover 27bbls of fluid. Talon environmental was consulted to remediate this area.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2007953992
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release? This spill is greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: _____ Date: 3/21/2020

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: Ramona Marcus Date: 3/25/2020

Incident ID	NRM2007953992
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	140 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☒ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NRM2007953992
District RP	
Facility ID	
Application ID	

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: Date: 3/21/2020

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: Ramona Marcus Date: 03/25/2020

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	NRM2007953992
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

☒ Description of remediation activities

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

Printed Name: Chad Hensley Title: HSE Coordinator

Signature: Chad Hensley Date: 7/6/2022

email: chensley@spurenergy.com Telephone: 314-290-8614

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 08/30/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Gmail

Gio PimaOil <gio@pimaoil.com>

Dorami 33 Fed Com 2H Sampling Confirmation

1 message

Gio PimaOil <gio@pimaoil.com> Wed, May 25, 2022 at 3:31 PM
To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>, Ned Pima Oil <ned@pimaoil.com>

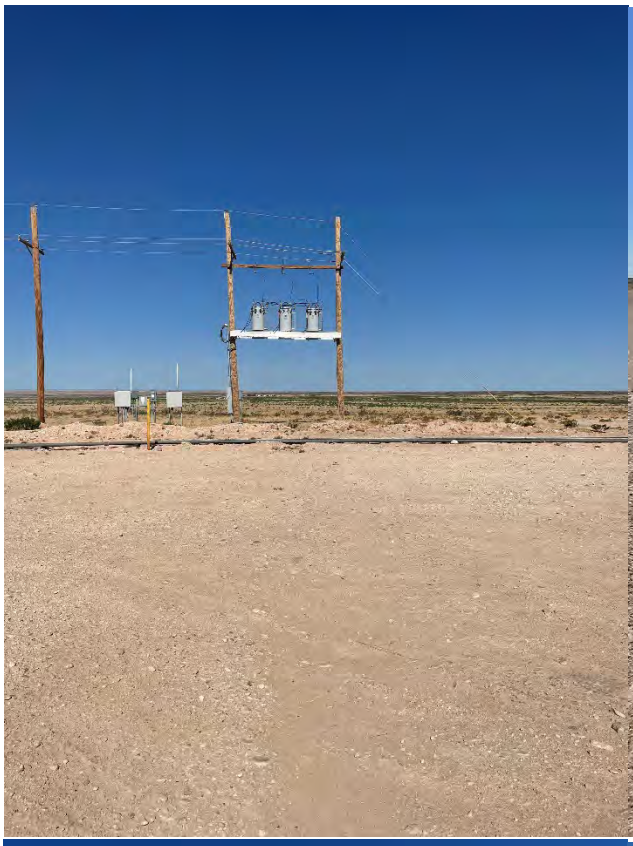
Good Afternoon,
Pima Environmental would like to notify you that we will be collecting confirmation samples at the Dorami 33 Fed Com #2H for incident NRM2007953992. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Saturday, May 28, 2022. If you have any questions or concerns, please let me know. Thank you.

--
Gio Gomez
Environmental Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.

Pima Environmental Services

Appendix D

Photographic Documentation












Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Dorami 33 Fed Com 2H
Work Order:	E206040
Job Number:	21068-0001
Received:	6/7/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/13/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 6/13/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Dorami 33 Fed Com 2H
Workorder: E206040
Date Received: 6/7/2022 10:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2022 10:00:00AM, under the Project Name: Dorami 33 Fed Com 2H.

The analytical test results summarized in this report with the Project Name: Dorami 33 Fed Com 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/13/22 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 1 ft	E206040-01A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CS2 1 ft	E206040-02A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CS3 1 ft	E206040-03A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW1 1 ft	E206040-04A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW2 1 ft	E206040-05A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW3 1 ft	E206040-06A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW4 1 ft	E206040-07A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW5 1 ft	E206040-08A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW6 1 ft	E206040-09A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW7 1 ft	E206040-10A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.
CSW8 1 ft	E206040-11A	Soil	05/28/22	06/07/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CS1 1 ft

E206040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.6 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**97.7**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**61.2**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*50.0 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**124**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CS2 1 ft

E206040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.5 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**116**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**76.1**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**130**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CS3 1 ft

E206040-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**121**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**66.2**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**74.8**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW1 1 ft

E206040-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**95.3**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**65.4**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**133**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW2 1 ft

E206040-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.9 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**147**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**70.8**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	ND	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW3 1 ft

E206040-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*88.6 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*82.2 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**124**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW4 1 ft

E206040-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*88.4 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**35.2**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	ND	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW5 1 ft

E206040-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**150**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**85.4**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	ND	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW6 1 ft

E206040-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**72.9**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**57.9**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	**146**	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW7 1 ft

E206040-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**147**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**74.4**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	ND	20.0	1	06/09/22	06/10/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

CSW8 1 ft

E206040-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Benzene	ND	0.0250	1	06/08/22	06/09/22	
Ethylbenzene	ND	0.0250	1	06/08/22	06/09/22	
Toluene	ND	0.0250	1	06/08/22	06/09/22	
o-Xylene	ND	0.0250	1	06/08/22	06/09/22	
p,m-Xylene	ND	0.0500	1	06/08/22	06/09/22	
Total Xylenes	ND	0.0250	1	06/08/22	06/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2224035
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/22	06/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*06/08/22*	*06/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2224055
Diesel Range Organics (C10-C28)	**141**	25.0	1	06/09/22	06/09/22	
Oil Range Organics (C28-C36)	**70.9**	50.0	1	06/09/22	06/09/22	
Surrogate: n-Nonane		*86.0 %*	*50-200*	*06/09/22*	*06/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2224061
Chloride	ND	20.0	1	06/09/22	06/10/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2224035-BLK1)									Prepared: 06/08/22 Analyzed: 06/09/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.97*		*8.00*		*87.2*	*70-130*			
LCS (2224035-BS1)									Prepared: 06/08/22 Analyzed: 06/09/22
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.20	0.0250	5.00		104	70-130			
Toluene	5.52	0.0250	5.00		110	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.08*		*8.00*		*88.5*	*70-130*			
LCS Dup (2224035-BSD1)									Prepared: 06/08/22 Analyzed: 06/09/22
Benzene	5.46	0.0250	5.00		109	70-130	4.65	20	
Ethylbenzene	5.46	0.0250	5.00		109	70-130	4.90	20	
Toluene	5.76	0.0250	5.00		115	70-130	4.23	20	
o-Xylene	5.31	0.0250	5.00		106	70-130	4.13	20	
p,m-Xylene	11.1	0.0500	10.0		111	70-130	4.94	20	
Total Xylenes	16.4	0.0250	15.0		109	70-130	4.67	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.40*		*8.00*		*80.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2224035-BLK1)									Prepared: 06/08/22 Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.99*		*8.00*		*87.4*	*70-130*			
LCS (2224035-BS2)									Prepared: 06/08/22 Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.97*		*8.00*		*87.1*	*70-130*			
LCS Dup (2224035-BSD2)									Prepared: 06/08/22 Analyzed: 06/09/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130	0.664	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.86*		*8.00*		*85.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2224055-BLK1)									Prepared: 06/09/22 Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.1*		*50.0*		*82.2*	*50-200*			
LCS (2224055-BS1)									Prepared: 06/09/22 Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	480	25.0	500		95.9	38-132			
Surrogate: n-Nonane	*43.1*		*50.0*		*86.2*	*50-200*			
Matrix Spike (2224055-MS1)				**Source: E206040-03**					Prepared: 06/09/22 Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	622	25.0	500	121	100	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.2*	*50-200*			
Matrix Spike Dup (2224055-MSD1)				**Source: E206040-03**					Prepared: 06/09/22 Analyzed: 06/09/22
Diesel Range Organics (C10-C28)	619	25.0	500	121	99.6	38-132	0.549	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2022 3:31:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2224061-BLK1)									Prepared: 06/09/22 Analyzed: 06/10/22
Chloride	ND	20.0							
LCS (2224061-BS1)									Prepared: 06/09/22 Analyzed: 06/10/22
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2224061-MS1)				**Source: E206040-01**					Prepared: 06/09/22 Analyzed: 06/10/22
Chloride	377	20.0	250	124	101	80-120			
Matrix Spike Dup (2224061-MSD1)				**Source: E206040-01**					Prepared: 06/09/22 Analyzed: 06/10/22
Chloride	367	20.0	250	124	97.3	80-120	2.71	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21068-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/13/22 15:31

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To
Project: Dorami 33 Fed Com 2H	Attention: Spur Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 6-65
Report due by:	

Lab Use Only: Lab WO# E206040 | Job Number 21068-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:00	5/28/22	S		CS1 17ft	1	X	
8:05				CS2 17ft	2		
8:10				CS3 17ft	3		
8:15				CSW1 17ft	4		
8:20				CSW2 17ft	5		
8:25				CSW3 17ft	6		
8:30				CSW4 17ft	7		
8:35				CSW5 17ft	8		
8:40				CSW6 17ft	9		
8:45				CSW7 17ft	10		

Additional Instructions: Bill To Spur Energy

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Josh Dougless

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6/6/22		[signature]	6-6-22	3:00 p
[signature]	6-6-22	3:45 p	[signature]	6/7/22	10:00

Lab Use Only: Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Dorami 33 Fed Com 2H	Attention: Spur Energy	Lab WO# E206040
Project Manager: Tom Bynum	Address:	Job Number 21068-0001
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 6-65	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:50	5/28/22	S		CSW8 17ft	11									X				

Analysis and Method

Additional Instructions: Bill To Spur Energy

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Josh Dougless

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/6/22			6-6-22	3:00
	6-6-22	3:45p		6/7/22	10:00

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/7/2022 11:22:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/07/22 10:00	Work Order ID:	E206040
Phone:	(575) 631-6977	Date Logged In:	06/07/22 09:34	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	06/13/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	No	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Sample #6 was rejarred.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Dorami 33 Fed Com 2H
Work Order:	E206127
Job Number:	21064-0001
Received:	6/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/23/22

Date Reported: 6/23/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Dorami 33 Fed Com 2H
Workorder: E206127
Date Received: 6/16/2022 1:12:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:12:00PM, under the Project Name: Dorami 33 Fed Com 2H.

The analytical test results summarized in this report with the Project Name: Dorami 33 Fed Com 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/23/22 11:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E206127-01A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CS-2	E206127-02A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CS-3	E206127-03A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-1	E206127-04A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-2	E206127-05A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-3	E206127-06A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-4	E206127-07A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-5	E206127-08A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-6	E206127-09A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-7	E206127-10A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.
CSW-8	E206127-11A	Soil	06/08/22	06/16/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CS-1

E206127-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*128 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CS-2

E206127-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*85.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*134 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CS-3

E206127-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*129 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-1

E206127-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-2

E206127-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*127 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-3

E206127-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*126 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-4

E206127-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*132 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-5

E206127-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*130 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-6

E206127-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*133 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-7

E206127-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*83.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*131 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

CSW-8

E206127-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: 4-Bromochlorobenzene-PID		*83.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226024
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/22	06/22/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*06/21/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226027
Chloride	ND	20.0	1	06/21/22	06/21/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226024-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.71*		*8.00*		*83.9*	*70-130*			
LCS (2226024-BS1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	5.35	0.0250	5.00		107	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.66	0.0250	5.00		113	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.83*		*8.00*		*85.3*	*70-130*			
LCS Dup (2226024-BSD1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	5.44	0.0250	5.00		109	70-130	1.62	20	
Ethylbenzene	5.42	0.0250	5.00		108	70-130	2.17	20	
Toluene	5.76	0.0250	5.00		115	70-130	1.82	20	
o-Xylene	5.31	0.0250	5.00		106	70-130	2.36	20	
p,m-Xylene	11.0	0.0500	10.0		110	70-130	2.15	20	
Total Xylenes	16.3	0.0250	15.0		109	70-130	2.22	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.80*		*8.00*		*85.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226024-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
LCS (2226024-BS2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			
LCS Dup (2226024-BSD2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130	0.248	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226042-BLK1)									Prepared: 06/21/22 Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.1*		*50.0*		*114*	*50-200*			
LCS (2226042-BS1)									Prepared: 06/21/22 Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	488	25.0	500		97.5	38-132			
Surrogate: n-Nonane	*57.5*		*50.0*		*115*	*50-200*			
Matrix Spike (2226042-MS1)				**Source: E206127-07**					Prepared: 06/21/22 Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	625	125	500	ND	125	38-132			
Surrogate: n-Nonane	*66.4*		*50.0*		*133*	*50-200*			
Matrix Spike Dup (2226042-MSD1)				**Source: E206127-07**					Prepared: 06/21/22 Analyzed: 06/21/22
Diesel Range Organics (C10-C28)	608	125	500	ND	122	38-132	2.64	20	
Surrogate: n-Nonane	*68.0*		*50.0*		*136*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/23/2022 11:32:00AM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226027-BLK1)									Prepared: 06/21/22 Analyzed: 06/21/22
Chloride	ND	20.0							
LCS (2226027-BS1)									Prepared: 06/21/22 Analyzed: 06/21/22
Chloride	234	20.0	250		93.4	90-110			
Matrix Spike (2226027-MS1)				**Source: E206127-01**					Prepared: 06/21/22 Analyzed: 06/21/22
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2226027-MSD1)				**Source: E206127-01**					Prepared: 06/21/22 Analyzed: 06/21/22
Chloride	260	20.0	250	ND	104	80-120	0.0616	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Dorami 33 Fed Com 2H	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/23/22 11:32

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Doraml 33 Fed Com 2H	Attention: Pima	Lab WO# E206127
Project Manager: Tom Bynum	Address:	Job Number 21064-0001
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 6-65	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:00	6/8/22	S	1	CS-1	1									X				
9:05				CS-2	2													
9:10				CS-3	3													
9:15				CSW-1	4													
9:20				CSW-2	5													
9:25				CSW-3	6													
9:30				CSW-4	7													
9:35				CSW-5	8													
9:40				CSW-6	9													
9:45				CSW-7	10													

Additional Instructions: Bill To Pima Environmental

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Ned Rogers

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/15/22	4:22pm		6.15.22	1622
	6.15.22	1945		6/16/22	13:12

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Dorami 33 Fed Com 2H	Attention: Pima	Lab WO# E206127
Project Manager: Tom Bynum	Address:	Job Number 21064-0001
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 6-65	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:50	6/8/22	S	1	CSW-8	11									X				

Additional Instructions: Bill To Pima Environmental

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Ned Rogers

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/15/22	4:22pm		6.15.22	1622
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.15.22	1945		6/16/22	13:12
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/17/2022 11:36:31AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/16/22 13:12	Work Order ID:	E206127
Phone:	(575) 631-6977	Date Logged In:	06/16/22 15:05	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	06/22/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Pima Environmental Services

Appendix F

NMOCD-Approved Remediation Plan

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TALON LPE

Remediation Work Plan

Dorami 33 Federal Com #002H
API# 30-015-46010
Eddy County, New Mexico
Event #NRM2008543296

Prepared For:

Spur Energy Partners
2407 Pecos Drive
Artesia, NM 88211

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, NM 88210

July 27, 2020

Mr. Mike Bratcher
NMOCD District 2
811 South First Street
Artesia, New Mexico 88210

Mr. Jim Amos
Bureau of Land Management
600 E. Greene Street
Carlsbad, NM 88220

Subject: **Remediation Work Plan**
Dorami 33 Federal Com #002H
API# 30-15-46010
Eddy County, New Mexico

Dear Mr. Bratcher and Mr. Amos,

Talon/LPE (Talon) has been retained to provide Spur Energy Partners with a remediation work plan. Enclosed please find the results of our site assessment/characterization, soil sampling results and remediation work plan.

Site Information

The Dorami 33 Federal Com #002H is located approximately seventeen (17) miles southwest of Artesia, New Mexico. The legal location for this release is Unit Letter L, Section 34, Township 19 South and Range 25 East in Eddy County, New Mexico. More specifically the latitude and longitude for the facility is 32.615075 North and -104.478445 West. Facility location maps are presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Reagan-Upton association which consists of gravely loam with 0 to 9 percent slopes. The soil survey is presented in Appendix II.

Groundwater and Site Characterization

The New Mexico Office of the State Engineer indicates that the nearest reported depth to groundwater in the area is 60-feet below ground surface (bgs). Drainage courses in this area are well-drained. Additionally, the facility is located in a Karst area. See Appendix II for copies of the referenced data. Karst and FEMA Flood maps are also presented.

Approximate Depth to Groundwater	60 Feet/BGS

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

Table I
Closure Criteria for Soils Impacted by a Release

Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
< 50 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Descriptions

On March 07, 2020 a release was discovered inside the earthen containment where frac tanks were situated for facility construction. While in the process of transferring the produced water to the Dorami Frac, TCB Services personnel failed to shut down the transfer pump in a timley manner, causing the Frac tanks to over-fill. This resulted in a 30bbl release inside the containment. A vac truck was dispatched to recover the free-standing fluid. Approximately 27 bbls of Produced water were recovered. TCB dervices took proactive mesure by scraping up the saturated soil and stockpiling for removal at time of site remediation. The C-141 release notification was submiited to the NMOCD and event **#NRM2008543296** was assigned to this incident. (Appendix III).

Site Assessment Activities

On April 22, 2020, Talon personnel mobilized to begin site assessment and sampling activities. At the time of the initial site assessment, the field technician noticied staining and surface saturation at a secondary frac tank location on the west side of the pad area. Grab soil samples were collected with a hand auger to depths at which refusal was encountered in both areas. A Geoprobe (direct push rig technology) was utilized to advance samples to greater depths in order to achieve vertical delineation. Results from our initial sampling event are presented on the following data table. The complete laboratory report can be found in Appendix V.

Sample ID	Depth (ft.)	Sample Date	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	**Total TPH** mg/kg	Clorides mg/kg
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
B-1	0-1	4/22/2020	ND	ND	ND	ND	ND	ND	1600
	2	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	3	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4	4/22/2020	ND	ND	ND	ND	ND	ND	ND
B-2	0-1	4/22/2020	ND	ND	ND	ND	ND	ND	370
	2'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	3'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
B-3	0-1'	4/22/2020	ND	ND	ND	ND	ND	ND	2000
	2	4/22/2020	ND	ND	ND	ND	ND	ND	61
	3'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
	4'	4/22/2020	ND	ND	ND	ND	ND	ND	ND
S-1	0-1'R	4/22/2020	ND	ND	ND	16	ND	ND	ND
S-2	0-1'R	4/22/2020	ND	ND	ND	ND	ND	ND	270
S-3	0-1'R	4/22/2020	ND	ND	ND	1700	ND	ND	ND

R = refusal encountered ND = analyte not detected

Proposed Remedial Actions

- The impacted areas in the vicinity of sample locations B-1, B-3 and S-1 will be excavated to a depth of 1' bgs. Field titration testing for chlorides utlized to guide the horizonal extent of the excavation. Upon completion, 5-point composite samples will be collected from each side wall, as well as the bottom of the excavated area. All soil samples will be sent to an NMOCD certified laboratory for total chloride analysis (EPA Method 300.0) and TPH (EPA Method 8015M).

- Upon receipt of total chloride results of 600 mg/kg and TPH of 100 mg/kg or less from each side wall, the excavation will be backfilled with like material obtained from a local material pit. All contaminated material will be disposed of at an NMOCD approved disposal facility.

- The pad area will be returned to grade and compacted with new caliche.

- A regulatory closure report and a Final C-141 will be submitted to all parties of concern.

Closure

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

Respectfully submitted,

TALON/LPE

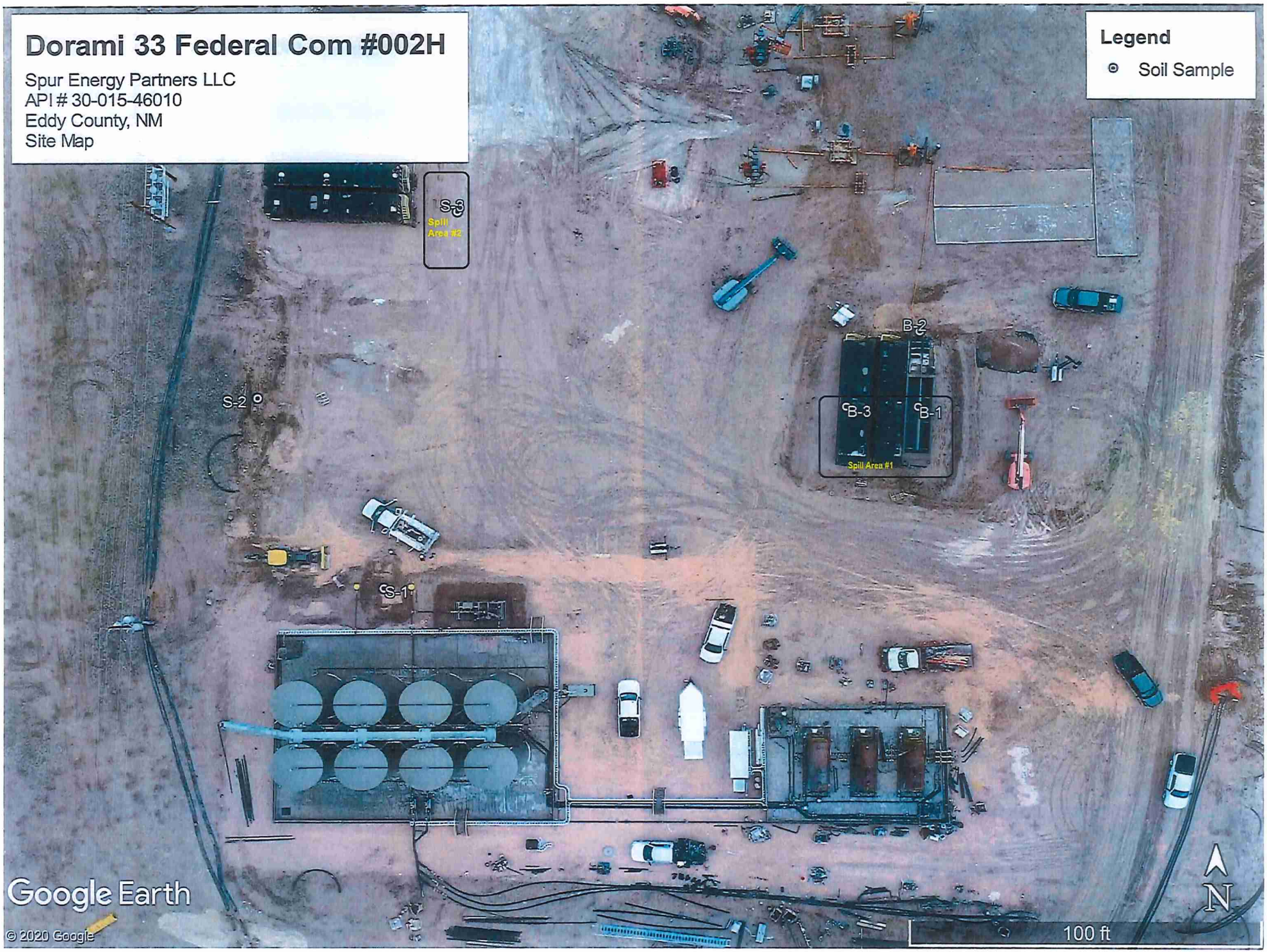
Rebecca Pons
Project Manager

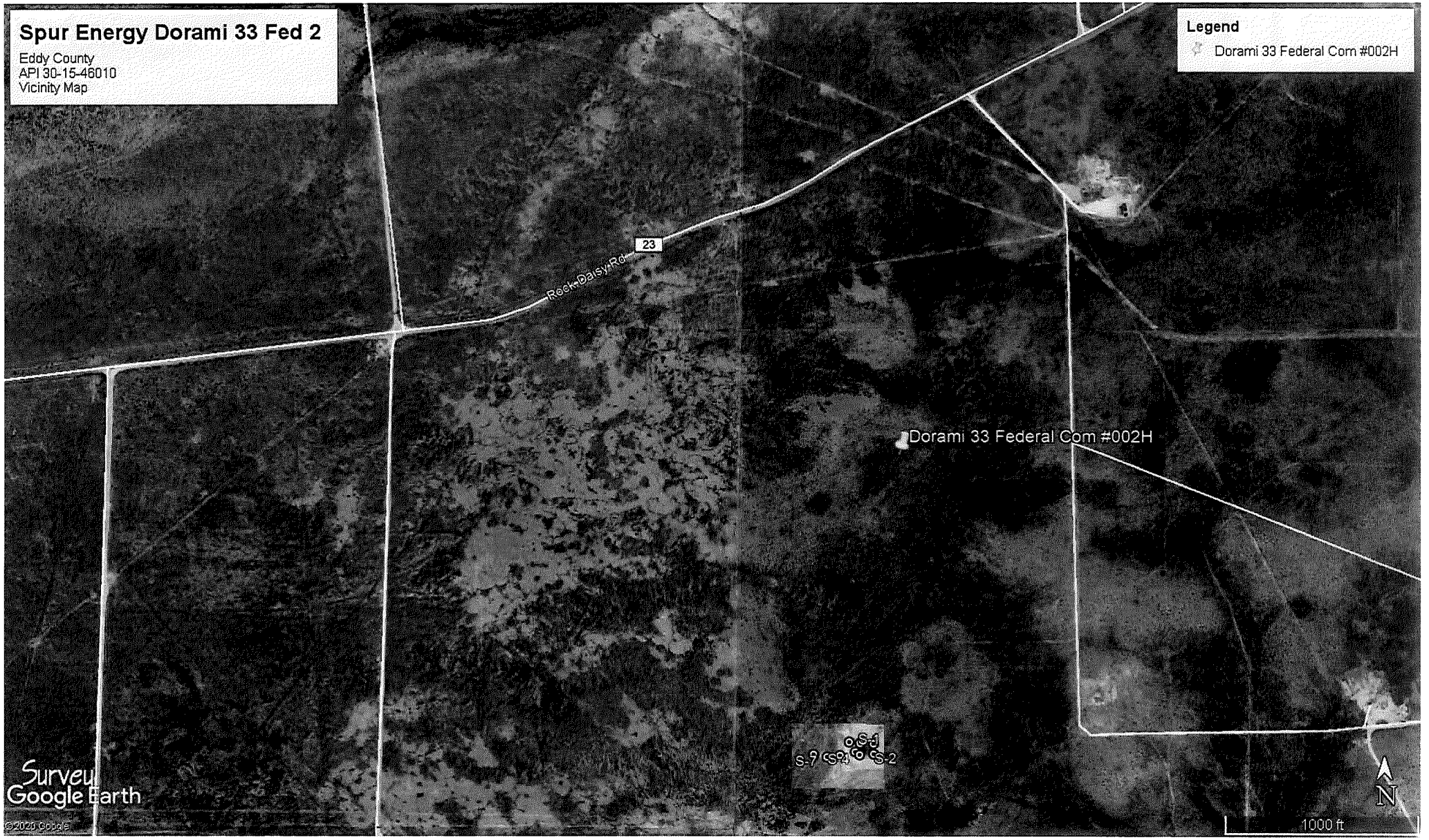
David J. Adkins
Regional Manager

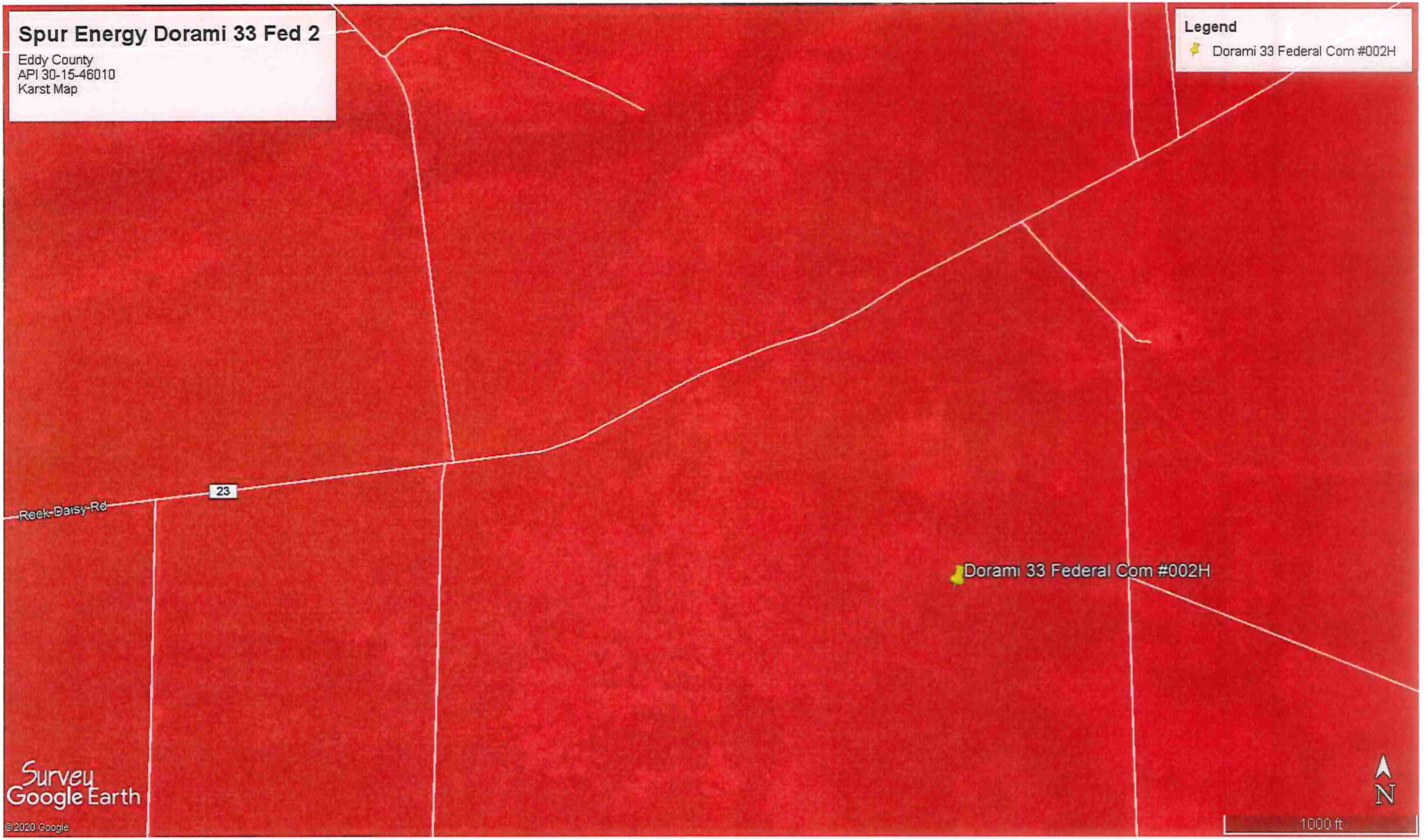
Attachments:
Appendix I Site Maps
Appendix II Groundwater Data, Soil Survey & FEMA Flood Map
Appendix III Site Photographs
Appendix IV C-141
Appendix V Laboratory Data

APPENDIX I

SITE MAPS

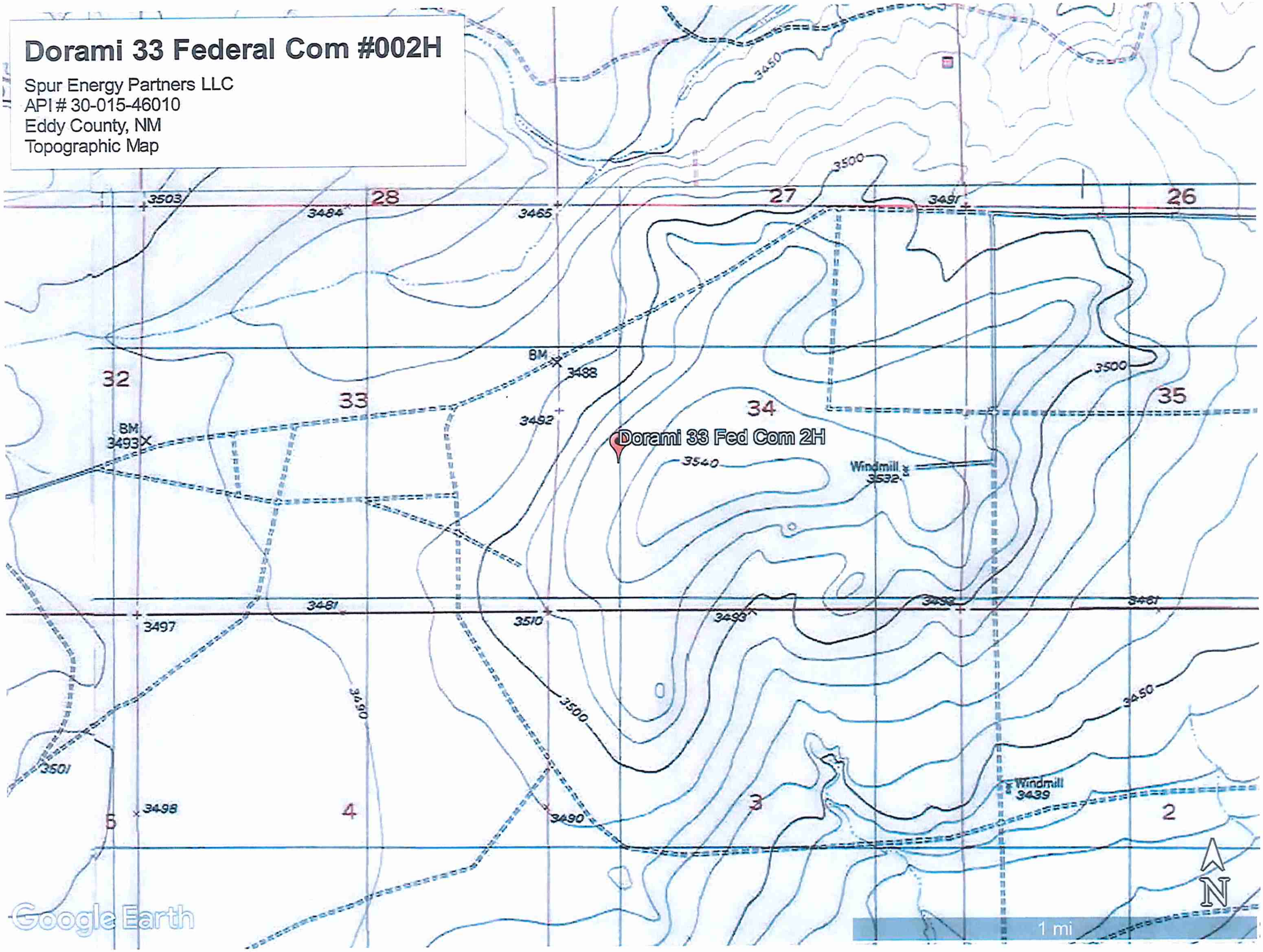

Dorami 33 Federal Com #002H
Spur Energy Partners LLC
API # 30-015-46010
Eddy County, NM
Site Map
Legend
Soil Sample
S-3
Spill Area #2
S-2
B-2
B-3
B-1
Spill Area #1
S-1
Google Earth
© 2020 Google
100 ft
N


Spur Energy Dorami 33 Fed 2
Eddy County
API 30-15-46010
Vicinity Map
Legend
Dorami 33 Federal Com #002H
23
Rock Daisy Rd
Dorami 33 Federal Com #002H
Google Earth
©2020 Google
1000 ft
N


Spur Energy Dorami 33 Fed 2
Eddy County
API 30-15-46010
Karst Map
Legend
Dorami 33 Federal Com #002H
23
Rock Daisy Rd
Dorami 33 Federal Com #002H
Survey
Google Earth
©2020 Google
N
1000 ft

Dorami 33 Federal Com #002H

Spur Energy Partners LLC
API # 30-015-46010
Eddy County, NM
Topographic Map



APPENDIX II

SOIL SURVEY,

GROUNDWATER DATA

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d
Elevation: 1,100 to 5,400 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 180 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent
Upton and similar soils: 25 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B

Ecological site: Loamy (R070DY153NM)
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 75 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 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: Shallow Loamy (R070DY159NM)
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Pima

Percent of map unit: 2 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

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	Twws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 02958		RA	ED		1	4	34	19S	25E	549681	3608740*	748	450		
RA 03018		RA	ED	3	2	4	34	19S	25E	549987	3608639*	1059	530		
RA 03304		RA	ED			1	27	19S	25E	549081	3610973*	2242	130	60	70
RA 08986		RA	ED	1	3	3	22	19S	25E	548825	3611507	2773	320	220	100
RA 10779		RA	ED	1	3	2	10	20S	25E	549580	3606026*	2785	1300		

Average Depth to Water: **140 feet**

Minimum Depth: **60 feet**

Maximum Depth: **220 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 548932.24 Northing (Y): 3608735.48 Radius: 3000

*UTM location was derived from PLSS - see Help

3/9/20 4:24 PM

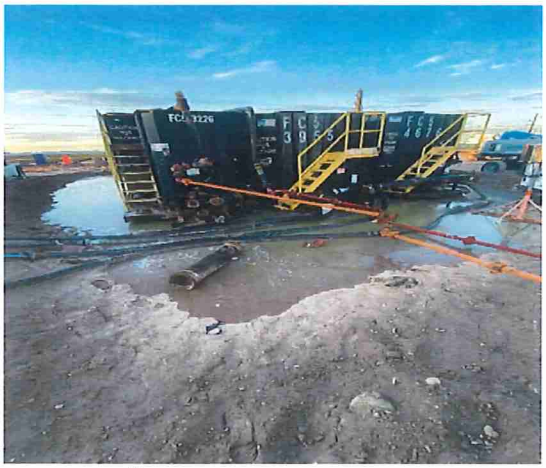
WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX III

PHOTOGRAPHIC DOCUMENTATION

Spur Energy

PHOTO DOCUMENTATION

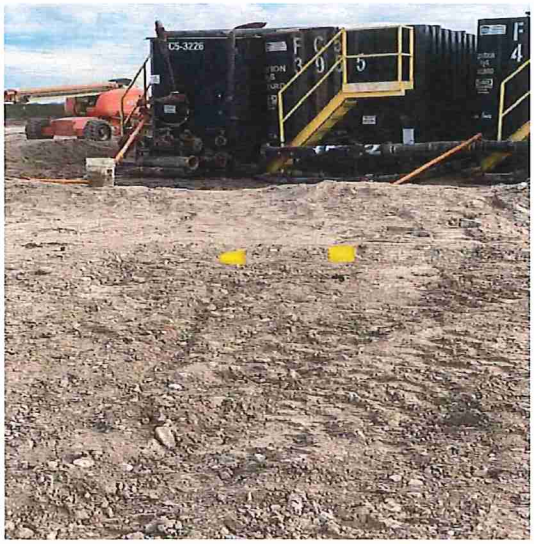


Spill Source

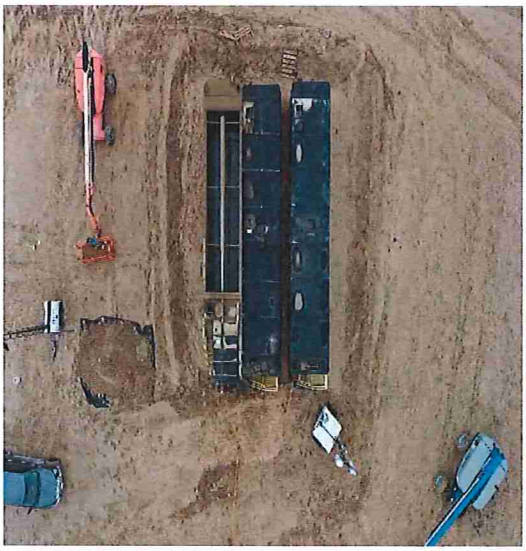
View of Overflowed Tank

Impacted Area West Side

Aerial view of Frac Tank Local



Reference Flagged Lines



Aerial of Impact-Stockpile

APPENDIX IV

C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners	OGRID	328947
Contact Name	Kenny Kidd	Contact Telephone	575-616-5400
Contact email	kkidd@spurepllc.com	Incident # *(assigned by OCD)*	
Contact mailing address	2407 Pecos Drive Artesia, NM 88210		

Location of Release Source

Latitude 32.615075 Longitude -104.478445
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Dorami #2	Site Type	Production Facility
Date Release Discovered	03/07/2020	API# *(if applicable)*	30-015-46010

Unit Letter	Section	Township	Range	County
L	34	19S	25E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 30bbls	Volume Recovered (bbls) 27bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

While in process of transferring the produced water to the Dorami Frac, TCB Oilfield Serviced personnel failed to shut down the transfer pump in time causing the Frac tanks to over-fill, creating a 30 bbl spill. All fluid remained inside the containment.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2008543296
District RP	
Facility ID	
Application ID	6J32E-200323-C-1410

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NRM2008543296
District RP	
Facility ID	
Application ID	6J32E-200323-C-1410

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: Rebecca Pons Title: Project Manager

Signature: Rebecca Pons Digitally signed by Rebecca Pons DN: cn=Rebecca Pons, o=Talon LPE, ou=Artesia, email=Rpons@talonlpe.com, c=US Date: 2020.07.29 10:49:01 -0500 Date: 07/27/20

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2008543296
District RP	
Facility ID	
Application ID	6J32E-200323-C-1410

Remediation Plan

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

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

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

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

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

Printed Name: Rebecca Pons Title: Project Manager

Signature: Rebecca Pons Date: 07/27/20

email: Rpons@talonlpe.com Telephone: 575-441-0980

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

APPENDIX V

LABORATORY DATA

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 29, 2020

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Dorami 33 Fed 2H OrderNo.: 2004995

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 15 sample(s) on 4/23/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2004995**
Date Reported: **4/29/2020**

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-001 **Matrix:** SOIL

Client Sample ID: B-1 0-1'
Collection Date: 4/22/2020 8:45:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	1600	60		mg/Kg	20	4/26/2020 3:34:36 PM	52088
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/24/2020 7:36:06 PM	52050
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/24/2020 7:36:06 PM	52050
Surr: DNOP	151	55.1-146	S	%Rec	1	4/24/2020 7:36:06 PM	52050
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/24/2020 9:34:55 PM	52046
Surr: BFB	106	66.6-105	S	%Rec	1	4/24/2020 9:34:55 PM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/24/2020 9:34:55 PM	52046
Toluene	ND	0.048		mg/Kg	1	4/24/2020 9:34:55 PM	52046
Ethylbenzene	ND	0.048		mg/Kg	1	4/24/2020 9:34:55 PM	52046
Xylenes, Total	ND	0.096		mg/Kg	1	4/24/2020 9:34:55 PM	52046
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	4/24/2020 9:34:55 PM	52046

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2004995**
Date Reported: **4/29/2020**

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-002 **Matrix:** SOIL

Client Sample ID: B-1 2'
Collection Date: 4/22/2020 8:46:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 4:36:18 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/24/2020 8:00:56 PM	52050
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/24/2020 8:00:56 PM	52050
Surr: DNOP	112	55.1-146		%Rec	1	4/24/2020 8:00:56 PM	52050
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/24/2020 10:46:17 PM	52046
Surr: BFB	104	66.6-105		%Rec	1	4/24/2020 10:46:17 PM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	4/24/2020 10:46:17 PM	52046
Toluene	ND	0.050		mg/Kg	1	4/24/2020 10:46:17 PM	52046
Ethylbenzene	ND	0.050		mg/Kg	1	4/24/2020 10:46:17 PM	52046
Xylenes, Total	ND	0.099		mg/Kg	1	4/24/2020 10:46:17 PM	52046
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	4/24/2020 10:46:17 PM	52046

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: B-1 3'
Project: Dorami 33 Fed 2H
Collection Date: 4/22/2020 8:47:00 AM
Lab ID: 2004995-003 **Matrix:** SOIL **Received Date:** 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 4:48:38 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/28/2020 1:07:18 PM	52131
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/28/2020 1:07:18 PM	52131
Surr: DNOP	78.9	55.1-146		%Rec	1	4/28/2020 1:07:18 PM	52131
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/24/2020 11:57:13 PM	52046
Surr: BFB	103	66.6-105		%Rec	1	4/24/2020 11:57:13 PM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/24/2020 11:57:13 PM	52046
Toluene	ND	0.048		mg/Kg	1	4/24/2020 11:57:13 PM	52046
Ethylbenzene	ND	0.048		mg/Kg	1	4/24/2020 11:57:13 PM	52046
Xylenes, Total	ND	0.097		mg/Kg	1	4/24/2020 11:57:13 PM	52046
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/24/2020 11:57:13 PM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: B-1 4'
Project: Dorami 33 Fed 2H
Collection Date: 4/22/2020 8:48:00 AM
Lab ID: 2004995-004 **Matrix:** SOIL **Received Date:** 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 5:25:41 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/24/2020 8:50:07 PM	52050
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/24/2020 8:50:07 PM	52050
Surr: DNOP	121	55.1-146		%Rec	1	4/24/2020 8:50:07 PM	52050
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/25/2020 12:20:59 AM	52046
Surr: BFB	102	66.6-105		%Rec	1	4/25/2020 12:20:59 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	4/25/2020 12:20:59 AM	52046
Toluene	ND	0.046		mg/Kg	1	4/25/2020 12:20:59 AM	52046
Ethylbenzene	ND	0.046		mg/Kg	1	4/25/2020 12:20:59 AM	52046
Xylenes, Total	ND	0.093		mg/Kg	1	4/25/2020 12:20:59 AM	52046
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/25/2020 12:20:59 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: B-2 0-1'
Project: Dorami 33 Fed 2H
Collection Date: 4/22/2020 9:35:00 AM
Lab ID: 2004995-005 **Matrix:** SOIL **Received Date:** 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	370	60		mg/Kg	20	4/26/2020 5:38:02 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/24/2020 9:14:39 PM	52050
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/24/2020 9:14:39 PM	52050
Surr: DNOP	119	55.1-146		%Rec	1	4/24/2020 9:14:39 PM	52050
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/25/2020 12:44:48 AM	52046
Surr: BFB	104	66.6-105		%Rec	1	4/25/2020 12:44:48 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 12:44:48 AM	52046
Toluene	ND	0.048		mg/Kg	1	4/25/2020 12:44:48 AM	52046
Ethylbenzene	ND	0.048		mg/Kg	1	4/25/2020 12:44:48 AM	52046
Xylenes, Total	ND	0.095		mg/Kg	1	4/25/2020 12:44:48 AM	52046
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/25/2020 12:44:48 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-006 **Matrix:** SOIL

Client Sample ID: B-2 2'
Collection Date: 4/22/2020 9:36:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 5:50:22 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/24/2020 9:16:42 AM	52053
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/24/2020 9:16:42 AM	52053
Surr: DNOP	125	55.1-146		%Rec	1	4/24/2020 9:16:42 AM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/25/2020 1:08:37 AM	52046
Surr: BFB	105	66.6-105		%Rec	1	4/25/2020 1:08:37 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	4/25/2020 1:08:37 AM	52046
Toluene	ND	0.047		mg/Kg	1	4/25/2020 1:08:37 AM	52046
Ethylbenzene	ND	0.047		mg/Kg	1	4/25/2020 1:08:37 AM	52046
Xylenes, Total	ND	0.094		mg/Kg	1	4/25/2020 1:08:37 AM	52046
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	4/25/2020 1:08:37 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-007 **Matrix:** SOIL

Client Sample ID: B-2 3'
Collection Date: 4/22/2020 9:37:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 6:02:44 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/24/2020 1:07:11 PM	52053
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/24/2020 1:07:11 PM	52053
Surr: DNOP	97.2	55.1-146		%Rec	1	4/24/2020 1:07:11 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/25/2020 2:43:53 AM	52046
Surr: BFB	106	66.6-105	S	%Rec	1	4/25/2020 2:43:53 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 2:43:53 AM	52046
Toluene	ND	0.048		mg/Kg	1	4/25/2020 2:43:53 AM	52046
Ethylbenzene	ND	0.048		mg/Kg	1	4/25/2020 2:43:53 AM	52046
Xylenes, Total	ND	0.097		mg/Kg	1	4/25/2020 2:43:53 AM	52046
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	4/25/2020 2:43:53 AM	52046

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-008 **Matrix:** SOIL

Client Sample ID: B-2 4'
Collection Date: 4/22/2020 9:38:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 6:15:04 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/27/2020 2:53:54 PM	52053
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/27/2020 2:53:54 PM	52053
Surr: DNOP	68.9	55.1-146		%Rec	1	4/27/2020 2:53:54 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/25/2020 3:07:36 AM	52046
Surr: BFB	104	66.6-105		%Rec	1	4/25/2020 3:07:36 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 3:07:36 AM	52046
Toluene	ND	0.047		mg/Kg	1	4/25/2020 3:07:36 AM	52046
Ethylbenzene	ND	0.047		mg/Kg	1	4/25/2020 3:07:36 AM	52046
Xylenes, Total	ND	0.095		mg/Kg	1	4/25/2020 3:07:36 AM	52046
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	4/25/2020 3:07:36 AM	52046

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-009 **Matrix:** SOIL

Client Sample ID: B-3 0-1'
Collection Date: 4/22/2020 9:52:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	2000	60		mg/Kg	20	4/26/2020 6:27:25 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/24/2020 1:55:19 PM	52053
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/24/2020 1:55:19 PM	52053
Surr: DNOP	71.6	55.1-146		%Rec	1	4/24/2020 1:55:19 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/25/2020 3:31:22 AM	52046
Surr: BFB	103	66.6-105		%Rec	1	4/25/2020 3:31:22 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	4/25/2020 3:31:22 AM	52046
Toluene	ND	0.046		mg/Kg	1	4/25/2020 3:31:22 AM	52046
Ethylbenzene	ND	0.046		mg/Kg	1	4/25/2020 3:31:22 AM	52046
Xylenes, Total	ND	0.093		mg/Kg	1	4/25/2020 3:31:22 AM	52046
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/25/2020 3:31:22 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-010 **Matrix:** SOIL

Client Sample ID: B-3 2'
Collection Date: 4/22/2020 9:53:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	61	60		mg/Kg	20	4/26/2020 6:39:44 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/24/2020 2:19:27 PM	52053
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/24/2020 2:19:27 PM	52053
Surr: DNOP	104	55.1-146		%Rec	1	4/24/2020 2:19:27 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/25/2020 3:55:02 AM	52046
Surr: BFB	104	66.6-105		%Rec	1	4/25/2020 3:55:02 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 3:55:02 AM	52046
Toluene	ND	0.049		mg/Kg	1	4/25/2020 3:55:02 AM	52046
Ethylbenzene	ND	0.049		mg/Kg	1	4/25/2020 3:55:02 AM	52046
Xylenes, Total	ND	0.098		mg/Kg	1	4/25/2020 3:55:02 AM	52046
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/25/2020 3:55:02 AM	52046

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-011 **Matrix:** SOIL

Client Sample ID: B-3 3'
Collection Date: 4/22/2020 9:54:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 6:52:05 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/24/2020 3:07:26 PM	52053
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/24/2020 3:07:26 PM	52053
Surr: DNOP	63.5	55.1-146		%Rec	1	4/24/2020 3:07:26 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/25/2020 4:18:46 AM	52046
Surr: BFB	103	66.6-105		%Rec	1	4/25/2020 4:18:46 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	4/25/2020 4:18:46 AM	52046
Toluene	ND	0.049		mg/Kg	1	4/25/2020 4:18:46 AM	52046
Ethylbenzene	ND	0.049		mg/Kg	1	4/25/2020 4:18:46 AM	52046
Xylenes, Total	ND	0.098		mg/Kg	1	4/25/2020 4:18:46 AM	52046
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/25/2020 4:18:46 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: B-3 4'
Project: Dorami 33 Fed 2H
Collection Date: 4/22/2020 9:55:00 AM
Lab ID: 2004995-012 **Matrix:** SOIL **Received Date:** 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 7:04:27 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/27/2020 3:18:04 PM	52053
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2020 3:18:04 PM	52053
Surr: DNOP	77.1	55.1-146		%Rec	1	4/27/2020 3:18:04 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/25/2020 4:42:26 AM	52046
Surr: BFB	103	66.6-105		%Rec	1	4/25/2020 4:42:26 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 4:42:26 AM	52046
Toluene	ND	0.049		mg/Kg	1	4/25/2020 4:42:26 AM	52046
Ethylbenzene	ND	0.049		mg/Kg	1	4/25/2020 4:42:26 AM	52046
Xylenes, Total	ND	0.098		mg/Kg	1	4/25/2020 4:42:26 AM	52046
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	4/25/2020 4:42:26 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-013 **Matrix:** SOIL

Client Sample ID: S-1 0-1' R
Collection Date: 4/22/2020 10:22:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 7:16:47 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	16	9.9		mg/Kg	1	4/27/2020 8:47:12 PM	52053
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/27/2020 8:47:12 PM	52053
Surr: DNOP	128	55.1-146		%Rec	1	4/27/2020 8:47:12 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/25/2020 5:06:03 AM	52046
Surr: BFB	102	66.6-105		%Rec	1	4/25/2020 5:06:03 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.025		mg/Kg	1	4/25/2020 5:06:03 AM	52046
Toluene	ND	0.050		mg/Kg	1	4/25/2020 5:06:03 AM	52046
Ethylbenzene	ND	0.050		mg/Kg	1	4/25/2020 5:06:03 AM	52046
Xylenes, Total	ND	0.099		mg/Kg	1	4/25/2020 5:06:03 AM	52046
Surr: 4-Bromofluorobenzene	99.8	80-120		%Rec	1	4/25/2020 5:06:03 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-2 0-1' R
Project: Dorami 33 Fed 2H
Collection Date: 4/22/2020 10:26:00 AM
Lab ID: 2004995-014 **Matrix:** SOIL **Received Date:** 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	270	60		mg/Kg	20	4/26/2020 7:53:50 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/24/2020 4:19:29 PM	52053
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/24/2020 4:19:29 PM	52053
Surr: DNOP	44.2	55.1-146	S	%Rec	1	4/24/2020 4:19:29 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/25/2020 5:29:25 AM	52046
Surr: BFB	100	66.6-105		%Rec	1	4/25/2020 5:29:25 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.024		mg/Kg	1	4/25/2020 5:29:25 AM	52046
Toluene	ND	0.049		mg/Kg	1	4/25/2020 5:29:25 AM	52046
Ethylbenzene	ND	0.049		mg/Kg	1	4/25/2020 5:29:25 AM	52046
Xylenes, Total	ND	0.097		mg/Kg	1	4/25/2020 5:29:25 AM	52046
Surr: 4-Bromofluorobenzene	99.7	80-120		%Rec	1	4/25/2020 5:29:25 AM	52046

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Dorami 33 Fed 2H
Lab ID: 2004995-015 **Matrix:** SOIL

Client Sample ID: S-3 0-1' R
Collection Date: 4/22/2020 10:30:00 AM
Received Date: 4/23/2020 9:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	4/26/2020 8:06:09 PM	52089
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	1700	97		mg/Kg	10	4/27/2020 9:11:32 PM	52053
Motor Oil Range Organics (MRO)	ND	490	D	mg/Kg	10	4/27/2020 9:11:32 PM	52053
Surr: DNOP	0	55.1-146	S	%Rec	10	4/27/2020 9:11:32 PM	52053
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	9.2		mg/Kg	2	4/25/2020 5:52:54 AM	52046
Surr: BFB	105	66.6-105		%Rec	2	4/25/2020 5:52:54 AM	52046
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.046		mg/Kg	2	4/25/2020 5:52:54 AM	52046
Toluene	ND	0.092		mg/Kg	2	4/25/2020 5:52:54 AM	52046
Ethylbenzene	ND	0.092		mg/Kg	2	4/25/2020 5:52:54 AM	52046
Xylenes, Total	ND	0.18		mg/Kg	2	4/25/2020 5:52:54 AM	52046
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	2	4/25/2020 5:52:54 AM	52046

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		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004995**

29-Apr-20

Client: Talon Artesia

Project: Dorami 33 Fed 2H

Sample ID: **MB-52088**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **52088**	RunNo: **68426**							
Prep Date: **4/26/2020**	Analysis Date: **4/26/2020**	SeqNo: **2367609**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-52088**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **52088**	RunNo: **68426**							
Prep Date: **4/26/2020**	Analysis Date: **4/26/2020**	SeqNo: **2367610**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Sample ID: **MB-52089**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **52089**	RunNo: **68426**							
Prep Date: **4/26/2020**	Analysis Date: **4/26/2020**	SeqNo: **2367641**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-52089**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **52089**	RunNo: **68426**							
Prep Date: **4/26/2020**	Analysis Date: **4/26/2020**	SeqNo: **2367642**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

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#: 2004995

29-Apr-20

Client: Talon Artesia

Project: Dorami 33 Fed 2H

Sample ID: **2004995-006AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **B-2 2'** Batch ID: **52053** RunNo: **68388**

Prep Date: **4/23/2020** Analysis Date: **4/24/2020** SeqNo: **2366223** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	9.7	48.50	3.171	95.2	47.4	136			
Surr: DNOP	5.3		4.850		109	55.1	146			

Sample ID: **2004995-006AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **B-2 2'** Batch ID: **52053** RunNo: **68388**

Prep Date: **4/23/2020** Analysis Date: **4/24/2020** SeqNo: **2366224** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.3	46.38	3.171	88.1	47.4	136	11.3	43.4	
Surr: DNOP	4.6		4.638		98.5	55.1	146	0	0	

Sample ID: **LCS-52050** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **52050** RunNo: **68358**

Prep Date: **4/23/2020** Analysis Date: **4/24/2020** SeqNo: **2366251** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	115	70	130			
Surr: DNOP	6.1		5.000		122	55.1	146			

Sample ID: **MB-52050** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **52050** RunNo: **68358**

Prep Date: **4/23/2020** Analysis Date: **4/24/2020** SeqNo: **2366252** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	14		10.00		139	55.1	146			

Sample ID: **MB-52053** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **52053** RunNo: **68394**

Prep Date: **4/23/2020** Analysis Date: **4/24/2020** SeqNo: **2366387** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		130	55.1	146			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004995

29-Apr-20

Client: Talon Artesia

Project: Dorami 33 Fed 2H

Sample ID: MB-52057	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 52057	RunNo: 68394							
Prep Date: 4/23/2020	Analysis Date: 4/24/2020	SeqNo: 2366388	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		113	55.1	146			

Sample ID: LCS-52053	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 52053	RunNo: 68394							
Prep Date: 4/23/2020	Analysis Date: 4/24/2020	SeqNo: 2366389	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	128	70	130			
Surr: DNOP	6.4		5.000		129	55.1	146			

Sample ID: LCS-52057	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 52057	RunNo: 68394							
Prep Date: 4/23/2020	Analysis Date: 4/24/2020	SeqNo: 2366390	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.5		5.000		129	55.1	146			

Sample ID: LCS-52131	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 52131	RunNo: 68463							
Prep Date: 4/28/2020	Analysis Date: 4/28/2020	SeqNo: 2369456	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.2	70	130			
Surr: DNOP	4.2		5.000		84.2	55.1	146			

Sample ID: MB-52131	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 52131	RunNo: 68463							
Prep Date: 4/28/2020	Analysis Date: 4/28/2020	SeqNo: 2369457	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.0		10.00		90.2	55.1	146			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004995**

29-Apr-20

Client: Talon Artesia

Project: Dorami 33 Fed 2H

Sample ID: **2004995-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **B-1 2'**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366615** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.41	0	104	80	120			
Surr: BFB	1100		976.6		114	66.6	105			S

Sample ID: **2004995-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **B-1 2'**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366616** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	24.80	0	109	80	120	5.90	20	
Surr: BFB	1200		992.1		116	66.6	105	0	0	S

Sample ID: **lcs-52046**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366632** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	80	120			
Surr: BFB	1100		1000		113	66.6	105			S

Sample ID: **mb-52046**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366633** 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	1000		1000		103	66.6	105			

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#: **2004995**

29-Apr-20

Client: Talon Artesia

Project: Dorami 33 Fed 2H

Sample ID: **2004995-001ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **B-1 0-1'**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366643** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.023	0.9372	0	97.0	78.5	119			
Toluene	0.97	0.047	0.9372	0	103	75.7	123			
Ethylbenzene	1.0	0.047	0.9372	0	106	74.3	126			
Xylenes, Total	3.0	0.094	2.812	0	107	72.9	130			
Surr: 4-Bromofluorobenzene	0.98		0.9372		105	80	120			

Sample ID: **2004995-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **B-1 0-1'**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366644** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	0.9891	0	89.5	78.5	119	2.66	20	
Toluene	0.94	0.049	0.9891	0	95.3	75.7	123	2.37	20	
Ethylbenzene	0.97	0.049	0.9891	0	97.6	74.3	126	3.11	20	
Xylenes, Total	2.9	0.099	2.967	0	98.3	72.9	130	2.87	20	
Surr: 4-Bromofluorobenzene	1.0		0.9891		104	80	120	0	0	

Sample ID: **LCS-52046**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366661** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120			
Toluene	0.90	0.050	1.000	0	90.0	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: **mb-52046**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **52046**	RunNo: **68396**
Prep Date: **4/23/2020**	Analysis Date: **4/24/2020**	SeqNo: **2366662** 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: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

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		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 2004995 RcptNo: 1

Received By: Juan Rojas 4/23/2020 9:40:00 AM Juan Rojas

Completed By: Isaiah Ortiz 4/23/2020 8:40:02 AM I. Ortiz

Reviewed By: LR 4/23/20

Chain of Custody

1. Is Chain of Custody sufficiently 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: GM 4/23/20

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	0.2	Good	Not Present			
2	3.3	Good	Not Present			

Chain-of-Custody Record

Client: Talon LPE

408 W Texas St

Mailing Address: Artesia, NM 88210

Phone #:

email or Fax#: (575) 746-8905

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4-day
☑ Standard ☐ Rush

Project Name: Dorami 33 Fed 2H

Project #: 702604.002.01

Project Manager: Rebecca Pons

Sampler: Brandon Sinclair

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 0.2-0=0.2

3.3-0=3.3

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. 2004995	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)
4-22-20	08:45	soil	B-1 0-1'	4 oz jar	ice	-001	✓	✓					✓			
	08:46		B-1 2'			-002										
	08:47		B-1 3'			-003										
	08:48		B-1 4'			-004										
	09:35		B-2 0-1'			-005										
	09:36		B-2 2'			-006										
	09:37		B-2 3'			-007										
	09:38		B-2 4'			-008										
	09:52		B-3 0-1'			-009										
	09:53		B-3 2'			-010										
	09:54		B-3 3'			-011										
	09:55		B-3 4'			-012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/22/20	1400				4/22/20	1400
4/22/20	1900			courier	4/23/20	9:40

Remarks: Please cc the following via email:
Dadkins@talonlpe.com
Rpons@talonlpe.com
bsinclair@talonlpe.com

pg 1 of 2

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: Talon LPE
408 W Texas St
Mailing Address: Artesia, NM 88210
Phone #:
email or Fax#: (575) 746-8905
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4-day
☑ Standard ☐ Rush
Project Name: Dorami 33 Fed 2H
Project #: 702604.002.01
Project Manager: Rebecca Pons
Sampler: Brandon Sinclair
On Ice: ☑ Yes ☐ No
# of Coolers: 2
Cooler Temp(including CF): 0.2-0=0.2
3.3-0=3.3

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. 2004995	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)
4-22-20	10:22	soil	S-1 0-1' R	4 oz jar	ice	-013	✓	✓					✓			
	10:26		S-2 0-1' R			-014										
	10:30		S-3 0-1' R			-015										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
4/22/20	1400				4/22/20	1400
4/22/20	1900			courier	4/23/20	9:40

Remarks: Please cc the following via email:
Dadkins@talonlpe.com
Rpons@talonlpe.com
bsinclair@talonlpe.com

pg 2 of 2

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.

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 123741

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 123741
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note an incident needs to be addressed within 90 days of the release.	8/30/2022