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 Dugan Production Corp.	OGRID 006515
Contact Name Kevin Smaka	Contact Telephone 505-325-1821 x1049
Contact email kevin.smaka@duganproduction.com	Incident # *(assigned by OCD)* nAPP2131443131
Contact mailing address PO Box 420, Farmington, NM 87499-0420	

Location of Release Source

Latitude 36.309413 Longitude -107.908842
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Piñon Unit #305H	Site Type oil well
Date Release Discovered November 10, 2021	API# *(if applicable)* 30-045-35637

Unit Letter	Section	Township	Range	County
M	16	24N	10W	San Juan

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) 20	Volume Recovered (bbls) 19
☒ Produced Water	Volume Released (bbls) 20	Volume Recovered (bbls) 19
	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

Corrosion in the flowline which caused spill

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
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.***

[X] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[X] 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)

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

[X] 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: Kevin Smaka Title: Regulatory Engineer

Signature: Kevin Smaka Date: 1-28-22

email: Kevin.Smaka@duganproduction.com Telephone: 505-325-1821

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: Nelson Velez Date: 09/12/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Pinon Unit 305H

Spill Closure Report

30-045-35637

M-16-24N-10W

NAPP2131443131

On November 10th, 2021 an oil spill was discovered at Dugan's Pinon Unit 305 H. The well was immediately shut in and efforts were started to control and contain the spill to prevent it from spreading and contaminating land off the well site. A water truck was called in to suck up all recoverable free standing water and oil. Once the free standing water and oil was recovered a back hoe started to excavate the impacted area. An 23' x 70' x 18'' hole was excavated on the site. These soils were then hauled to Envirotech's solid waste facility for landfarming and remediation. New dirt was hauled to location. Once these activities were completed a fence was constructed around the impacted site to prevent harm to the public and wildlife.

Dugan personnel were instructed to observe the site and check for new spotting and other signs of potential contamination. No new spotting or signs of contamination occurred and sampling was scheduled with BLM and OCD.

Sampling occurred on 1/14/22. 8 samples were collected representing an area of roughly 200 square feet. All samples indicated no contamination was present.

Based on distance to groundwater, watercourses, wells, mines and floodplains the standards for closure in this case are found in table 1 of the spell rule under the >100 feet to groundwater:

>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

*Or other test methods approved by the division

Maps and other documentation to support this position has been included as part of the closure package.

Kevin Smaka

From: Kevin Smaka
Sent: Wednesday, January 12, 2022 11:37 AM
To: 'Velez, Nelson, EMNRD'; 'Joyner, Ryan N'; Adeloye, Abiodun A
Subject: Notice of Sampling

Dugan Production will be collecting soil samples for analysis at the following locations this Friday, 1/14/21 @ 9:00 AM.

Samples will be collected at the following locations:

Frazzle SWD #1
30-045-33865
C-30-24N-10W
795 FNL 2180 FWL

Pinon Unit 305H
30-045-35637
M-16-24N-10W
1277 FSL 288 FWL

Juniper 9 #14
30-045-30636
M-09-24N-10W
1075 FSL 975 FWL

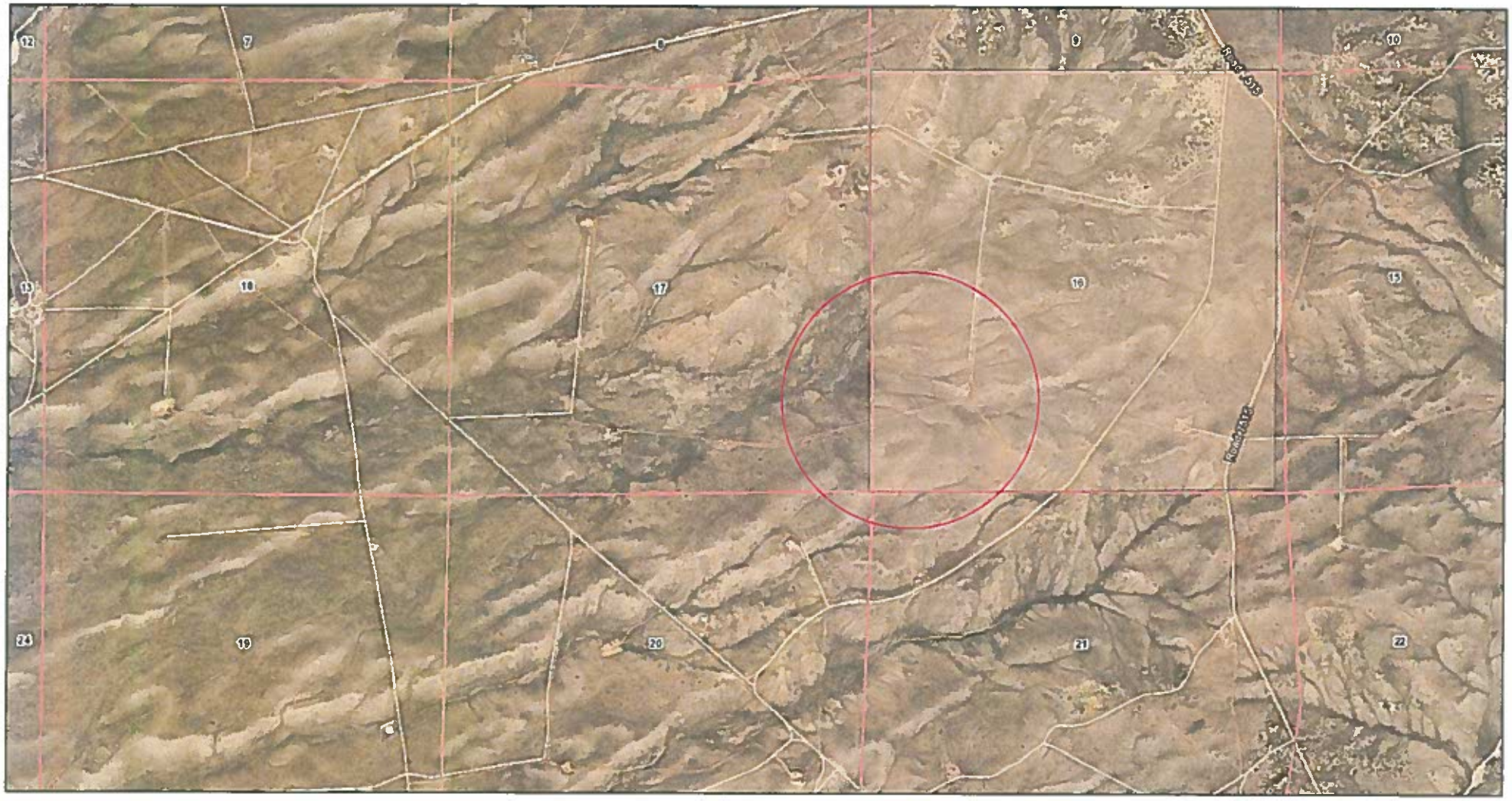
Little B#2/ Questar CDP
30-045-28333
G-36-23N-08W
1850 FNL 1850 FEL

We will start at the Pinon Unit 305H and proceed from there.

If you have questions, please let mem know.

Kevin Smaka P.E.
Regulatory Engineer
Dugan Production Corp.
505-486-6207

OSE POD Locations Map



1/28/2022, 10:17:54 AM

OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

SiteBoundaries

Sections

1:18,056

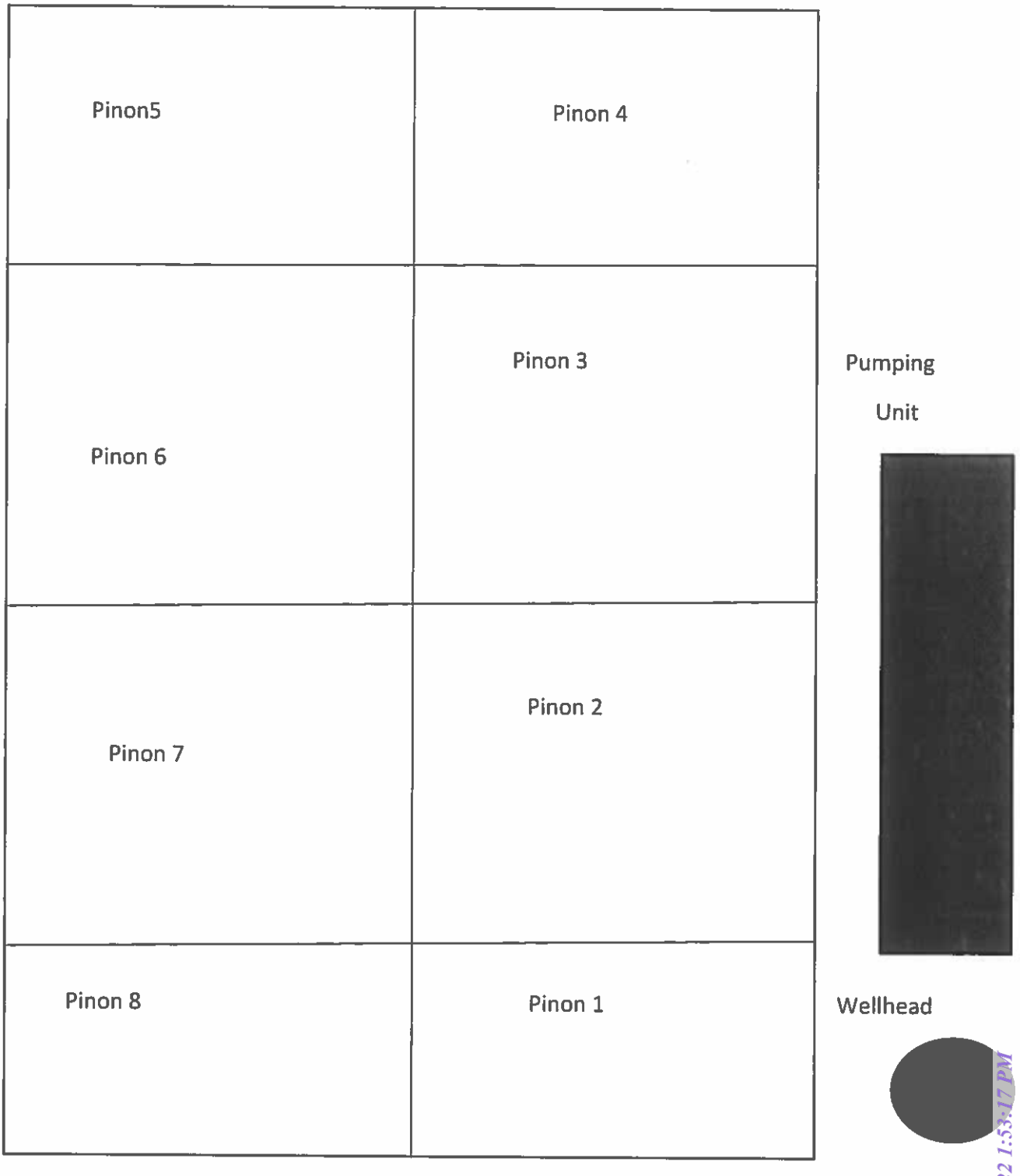
0 0.17 0.35 0.7 mi

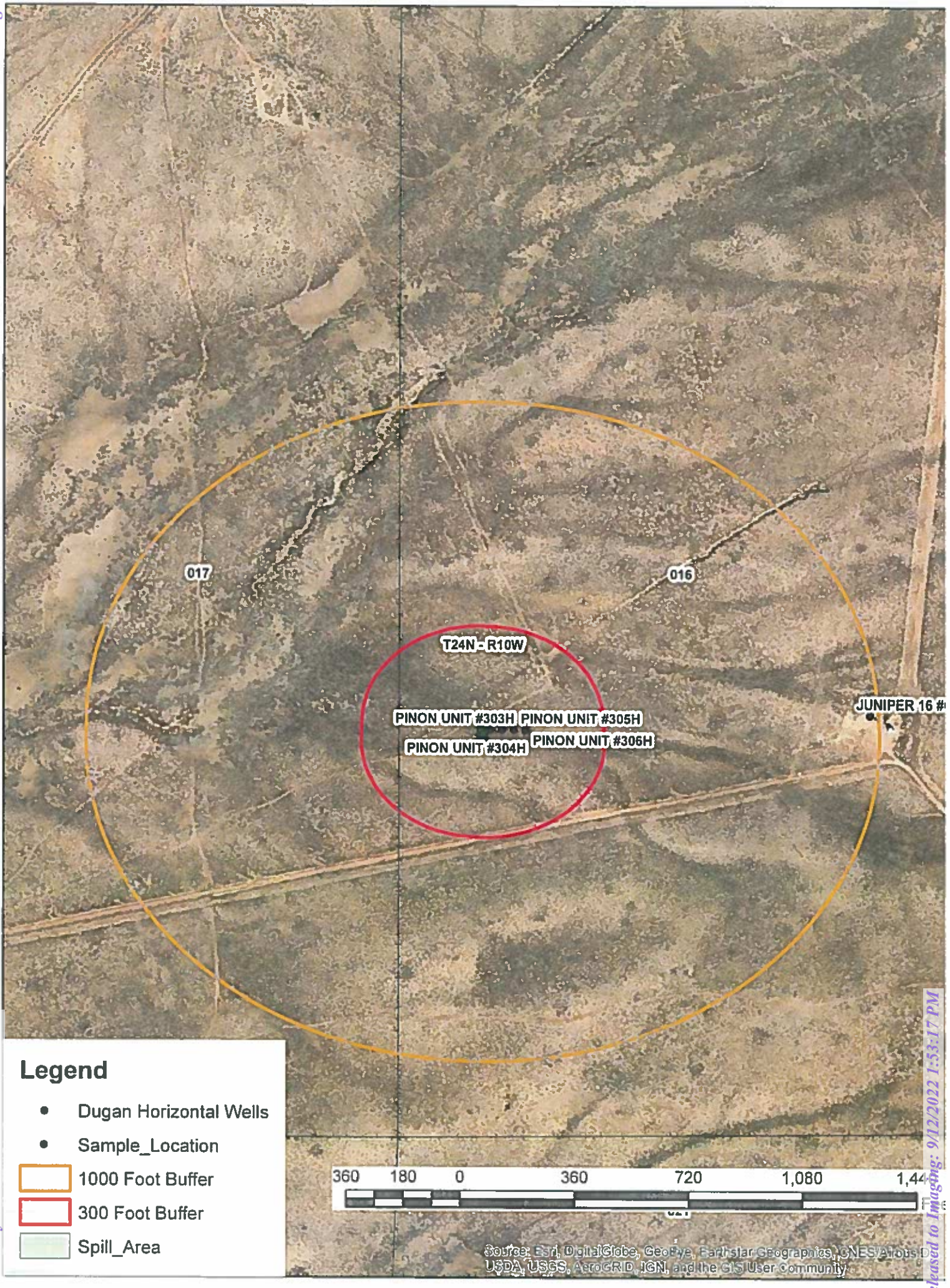
0 0.28 0.55 1.1 km

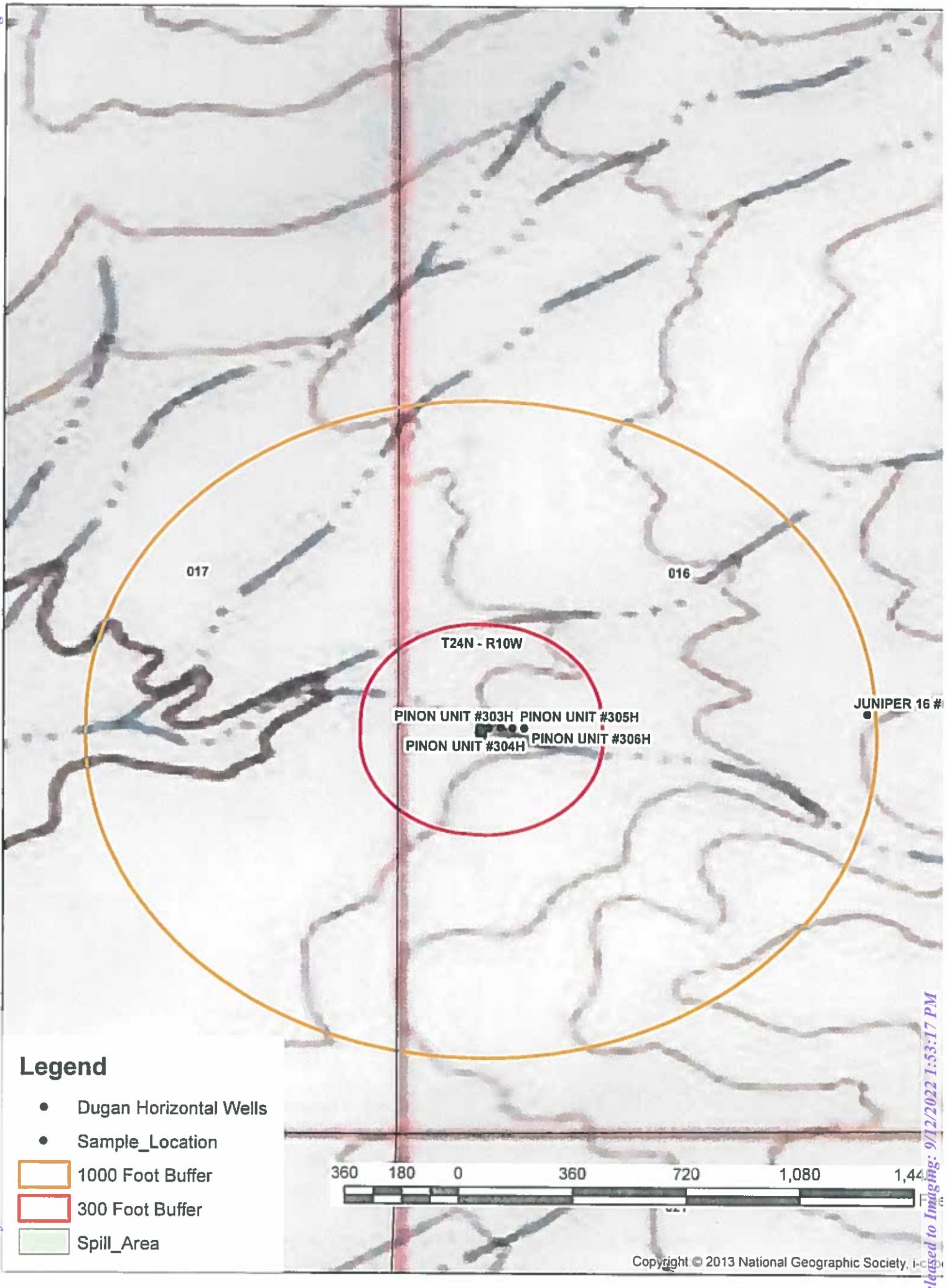
Esri, HERE, IPC, OSE SLO, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, IPC, Maxar

Unofficial Online Map
These maps are distributed "as is" without warranty of any kind.

Sampling Diagram







National Flood Hazard Layer FIRMette

FEMA

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

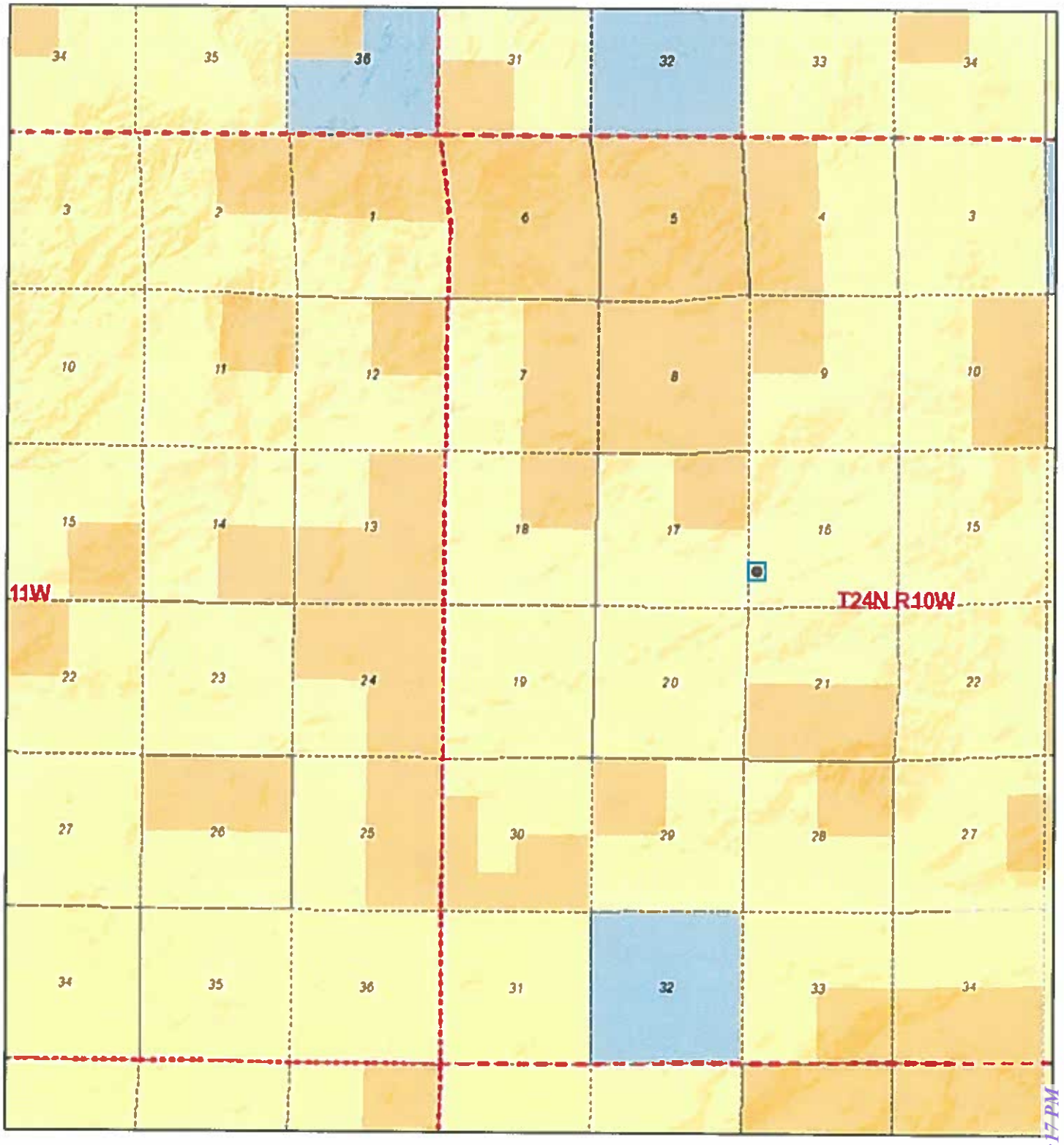
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 1/28/2022 at 12:06 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

Active Mines in New Mexico



1/28/2022, 10:08:52 AM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Township / Range

Sections

Land Ownership

Bureau of Land Management

Bureau of Reclamation

Department of Agriculture

Department of Defense

Department of Energy

National Park Service

Private Land

State Game and Fish

State Land

State Parks

Tribal

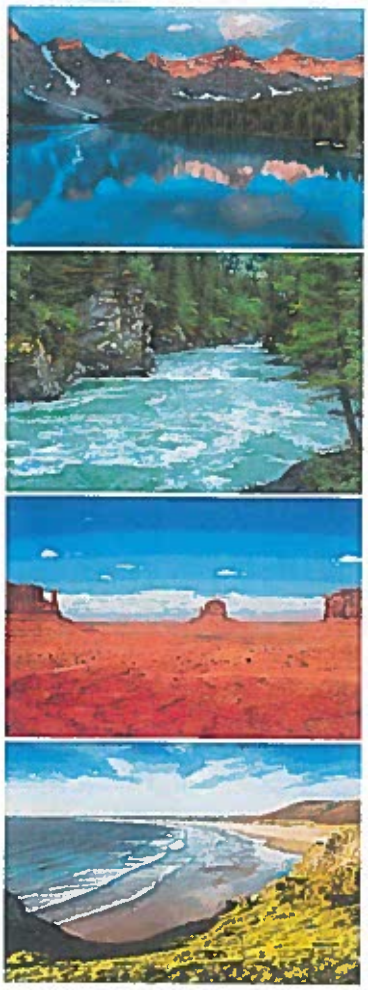
U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

Report to:

Kevin Smaka



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Dugan Production Corp.

Project Name:	Pinon 305 H
Work Order:	E201075
Job Number:	06094-0177
Received:	1/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/20/22

Date Reported: 1/20/22

Kevin Smaka
PO Box 420
Farmington, NM 87499

Project Name: Pinon 305 H
Workorder: E201075
Date Received: 1/17/2022 3:00:00PM

Kevin Smaka,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2022 3:00:00PM, under the Project Name: Pinon 305 H.

The analytical test results summarized in this report with the Project Name: Pinon 305 H 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

Dugan Production Corp.	Project Name:	Pinon 305 H	Reported:
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	01/20/22 18:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pinon 1	E201075-01A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 2	E201075-02A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 3	E201075-03A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 4	E201075-04A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 5	E201075-05A	Solid	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 6	E201075-06A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 7	E201075-07A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.
Pinon 8	E201075-08A	Soil	01/14/22	01/17/22	Glass Jar, 4 oz.

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 1

E201075-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 2

E201075-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 3

E201075-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 4

E201075-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 5

E201075-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	**Reported:**
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 6

E201075-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 7

E201075-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.4 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

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Sample Data

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Pinon 8

E201075-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Benzene	ND	0.0250	1	01/20/22	01/20/22	
Ethylbenzene	ND	0.0250	1	01/20/22	01/20/22	
Toluene	ND	0.0250	1	01/20/22	01/20/22	
o-Xylene	ND	0.0250	1	01/20/22	01/20/22	
p,m-Xylene	ND	0.0500	1	01/20/22	01/20/22	
Total Xylenes	ND	0.0250	1	01/20/22	01/20/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2204039
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/22	01/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/20/22*	*01/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2204050
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/22	01/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/22	01/20/22	
Surrogate: n-Nonane		*61.1 %*	*50-200*	*01/20/22*	*01/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2204040
Chloride	ND	20.0	1	01/20/22	01/20/22	

QC Summary Data

Dugan Production Corp.	Project Name:	Pinon 305 H	Reported:
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2204039-BLK1)									Prepared: 01/20/22 Analyzed: 01/20/22
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	*7.76*		*8.00*		*97.0*	*70-130*			
LCS (2204039-BS1)									Prepared: 01/20/22 Analyzed: 01/20/22
Benzene	4.42	0.0250	5.00		88.3	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.89	0.0250	5.00		97.8	70-130			
o-Xylene	4.75	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.66*		*8.00*		*95.7*	*70-130*			
Matrix Spike (2204039-MS1)				**Source: E201074-01**					Prepared: 01/20/22 Analyzed: 01/20/22
Benzene	4.61	0.0250	5.00	ND	92.1	54-133			
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133			
Toluene	5.13	0.0250	5.00	ND	103	61-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike Dup (2204039-MSD1)				**Source: E201074-01**					Prepared: 01/20/22 Analyzed: 01/20/22
Benzene	4.57	0.0250	5.00	ND	91.5	54-133	0.722	20	
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133	0.837	20	
Toluene	5.11	0.0250	5.00	ND	102	61-130	0.482	20	
o-Xylene	4.95	0.0250	5.00	ND	99.1	63-131	0.498	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.696	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	0.631	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			

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QC Summary Data

Dugan Production Corp.	Project Name:	Pinon 305 H	Reported:
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2204039-BLK1)									Prepared: 01/20/22 Analyzed: 01/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.26*		*8.00*		*103*	*70-130*			
LCS (2204039-BS2)									Prepared: 01/20/22 Analyzed: 01/20/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike (2204039-MS2)				**Source: E201074-01**					Prepared: 01/20/22 Analyzed: 01/20/22
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.16*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2204039-MSD2)				**Source: E201074-01**					Prepared: 01/20/22 Analyzed: 01/20/22
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	1.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.19*		*8.00*		*102*	*70-130*			

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QC Summary Data

Dugan Production Corp.	Project Name:	Pinon 305 H	Reported:
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

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 (2204050-BLK1)									Prepared: 01/20/22 Analyzed: 01/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			
LCS (2204050-BS1)									Prepared: 01/20/22 Analyzed: 01/20/22
Diesel Range Organics (C10-C28)	483	25.0	500		96.7	38-132			
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
Matrix Spike (2204050-MS1)				**Source: E201074-05**					Prepared: 01/20/22 Analyzed: 01/20/22
Diesel Range Organics (C10-C28)	358	25.0	500	ND	71.6	38-132			
Surrogate: n-Nonane	*35.5*		*50.0*		*71.0*	*50-200*			
Matrix Spike Dup (2204050-MSD1)				**Source: E201074-05**					Prepared: 01/20/22 Analyzed: 01/20/22
Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.1	38-132	28.2	20	R3
Surrogate: n-Nonane	*48.3*		*50.0*		*96.5*	*50-200*			

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QC Summary Data

Dugan Production Corp.	Project Name:	Pinon 305 H	Reported:
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	1/20/2022 6:18:18PM

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 (2204040-BLK1)									Prepared: 01/20/22 Analyzed: 01/20/22
Chloride	ND	20.0							
LCS (2204040-BS1)									Prepared: 01/20/22 Analyzed: 01/20/22
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2204040-MS1)				Source: E201074-01					Prepared: 01/20/22 Analyzed: 01/20/22
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2204040-MSD1)				Source: E201074-01					Prepared: 01/20/22 Analyzed: 01/20/22
Chloride	251	20.0	250	ND	101	80-120	0.997	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.

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Definitions and Notes

Dugan Production Corp.	Project Name:	Pinon 305 H	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	01/20/22 18:18

R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
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 1

Client: Dugan
Project: Dugan 305 H
Project Manager: Kevin Smaka
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention:
Address:
City, State, Zip
Phone:
Email:

Lab Use Only
Lab WO# E201075
Job Number 06094-0177

TAT: 1D | 2D | 3D | Standard — 3D: X

EPA Program: CWA | SDWA | 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	Remarks
9:00	1-14-22	S	1	Dugan 1	1	X	X	X			X	
9:00				Dugan 2	2							
9:00				Dugan 3	3							
9:00				Dugan 4	4							
9:00				Dugan 5	5							
9:00				Dugan 6	6							
9:00				Dugan 7	7							
9:00				Dugan 8	8							
				1-17-22								

Additional Instructions:

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: Kevin Smaka

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on 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
	1-17-22	3:00		1/17/22	15:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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: 1/20/2022 12:28:59PM

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:	Dugan Production Corp.	Date Received:	01/17/22 15:00	Work Order ID:	E201075
Phone:	(505) 325-1821	Date Logged In:	01/17/22 16:37	Logged In By:	Caitlin Christian
Email:	kevin.smaka@duganproduction.com	Due Date:	01/20/22 17:00 (3 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: Kevin Smaka
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?	Yes

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 I


WGS84
±102ft
36.30949, -107.90894
ft
±25ft
6737
°T
±12
W277
14Jan22 09:24 Ad-hoc
Bloomfield NM 87413, United States 14-Jan-22 09:24:46


WGS84
±14ft
36.30953, -107.90895
ft
±17ft
6737
°T
±12
NW315
14Jan22 09:21 Ad-hoc
Bloomfield NM 87413, United States 14-Jan-22 09:21:55


WGS84
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36.48255, -108.15733
ft
±8ft
6741
°T
±12
NW293
14Jan22 09:21 Ad-hoc
Farmington NM 87401, United States @ 14-Jan-22 09:21:18


WGS84
±24643ft
36.48728, -108.10484
ft
±6ft
6741
°T
±12
W279
14Jan22 09:21 Ad-hoc
Bloomfield NM.87413, United States 14-Jan-22 09:21:32


WGS84
±19ft
36.30935, -107.90893
ft
±27ft
6738
°T
±10
SE164
14Jan22 09:00, Ad-hoc
Bloomfield NM 87413, United States
14-Jan-22 09:00:46


WGS84
±16ft
36.30959, -107.90893
ft
±11ft
6736
°,T
±13
S165
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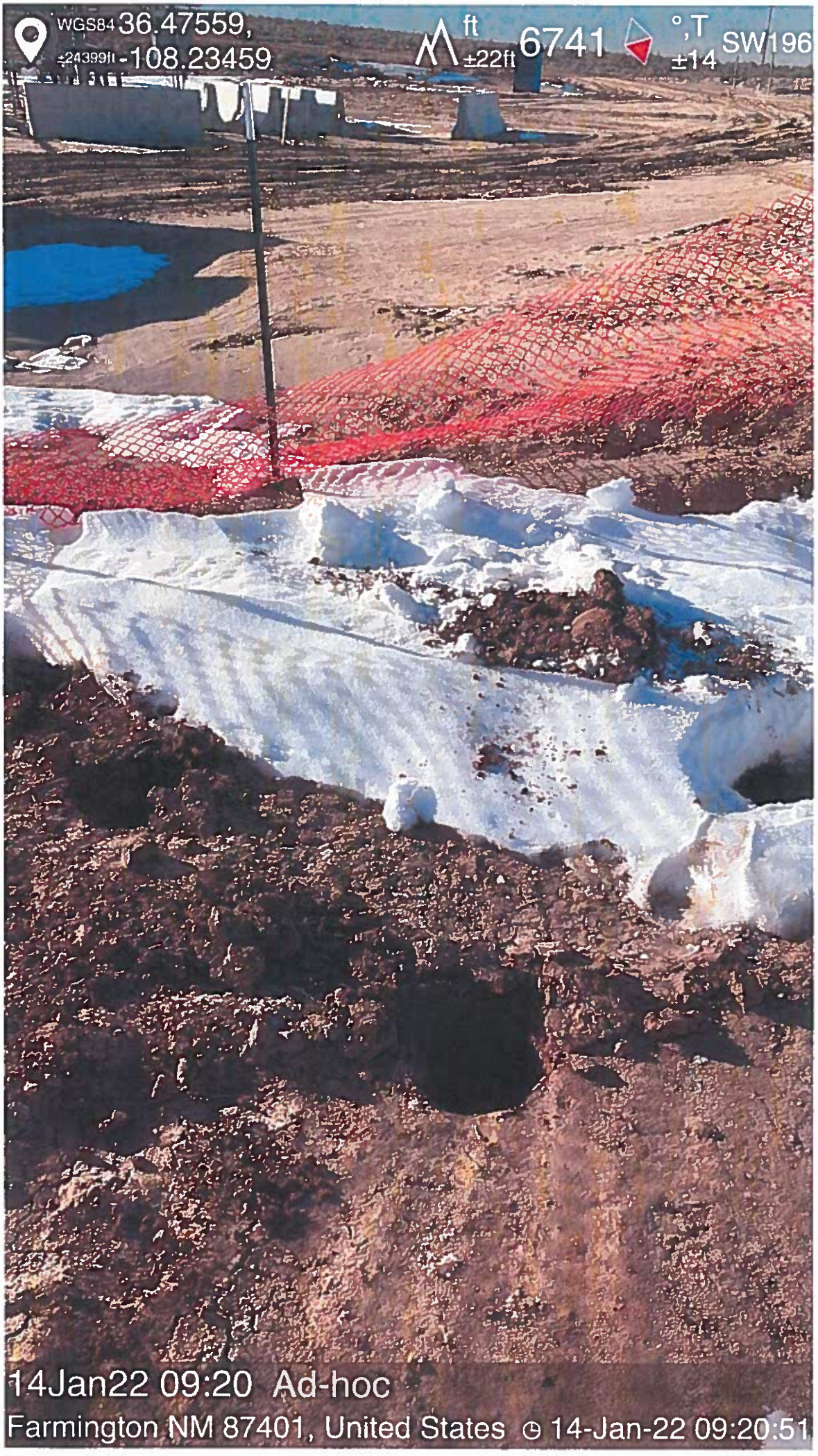
Bloomfield NM 87413, United States 14-Jan-22 09:01:23

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±221ft
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°T
±12
N5
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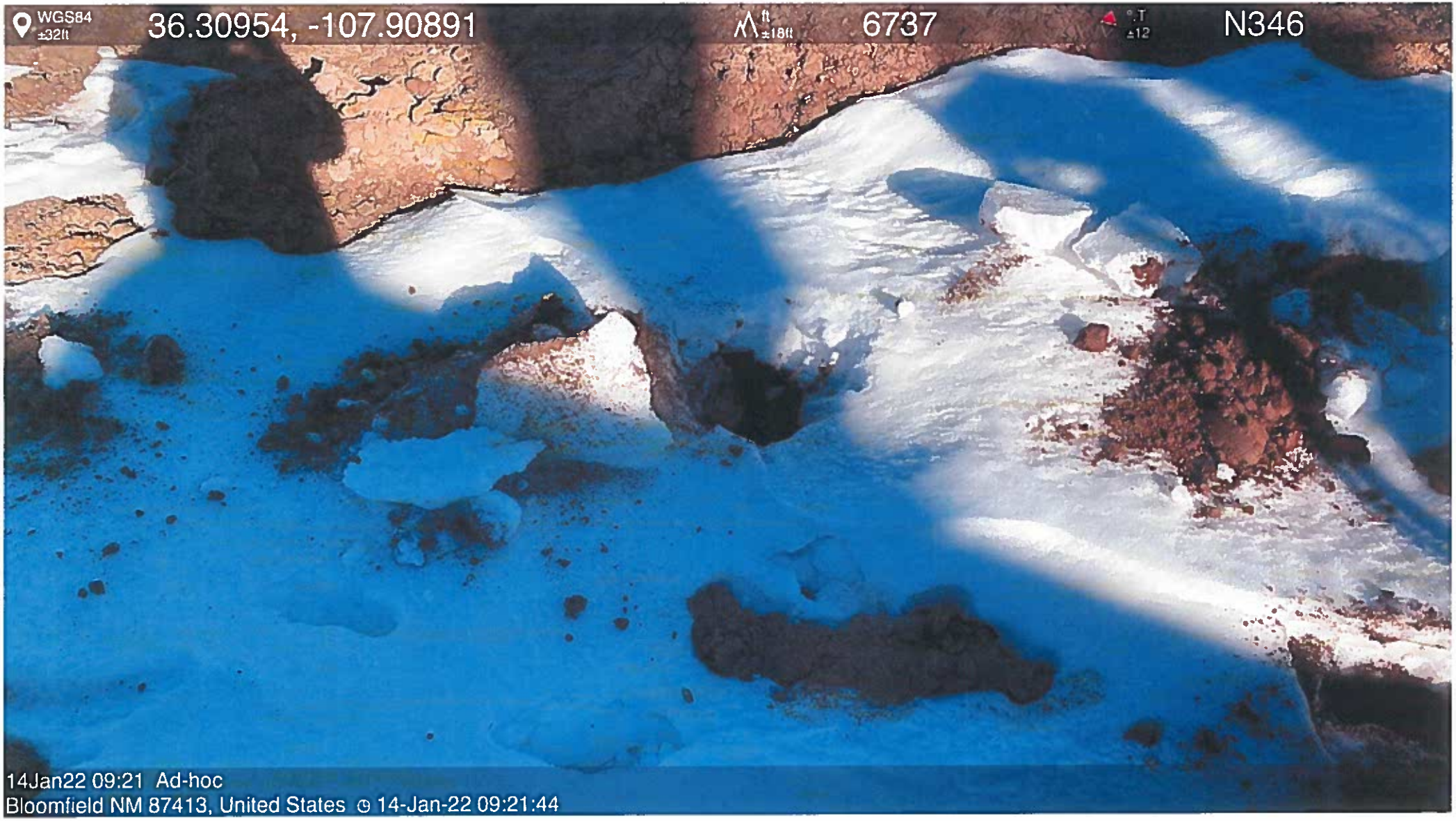
Farmington NM 87401, United States 14-Jan-22 09:21:02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°T
±12
N346
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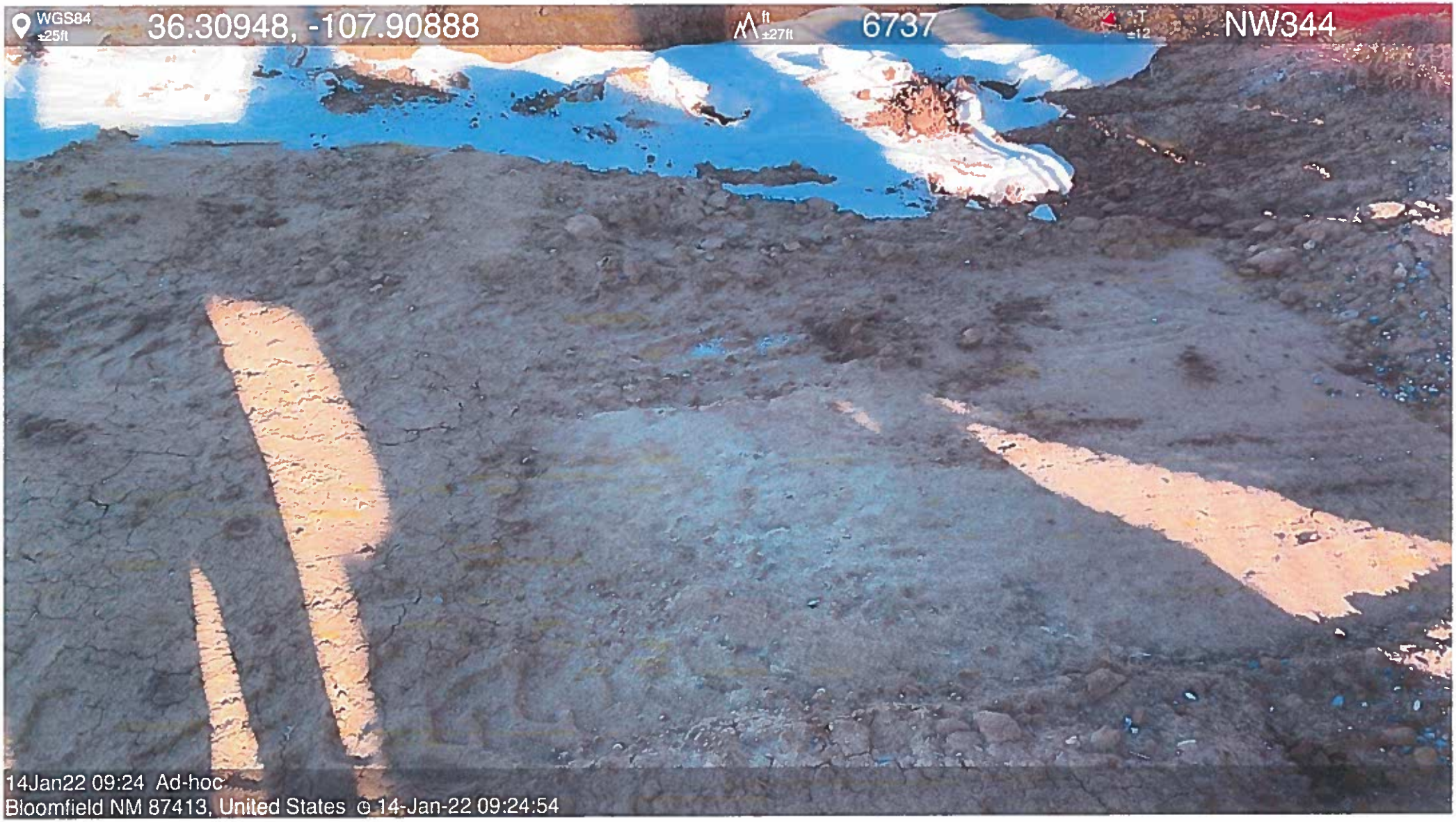
Bloomfield NM 87413, United States 14-Jan-22 09:21:44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ft
±27ft
6737
°T
±12
NW344
14Jan22 09:24 Ad-hoc
Bloomfield NM 87413, United States 14-Jan-22 09:24:54

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 76647

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 76647
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/12/2022