

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) NCS2023227884
Contact mailing address PO Box 420, Farmington, NM 87499	

### Location of Release Source

Latitude 36.0995827 Longitude -107.6477814  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Billie Com #91	Site Type gas well
Date Release Discovered 5/18/20	API# (if applicable) 30-045-33873

Unit Letter	Section	Township	Range	County
A	35	22N	8W	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 23	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Stuffing box leak

State of New Mexico  
Oil Conservation Division

Incident ID	
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?

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: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

#### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

State of New Mexico  
Oil Conservation Division

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

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

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

<input type="checkbox"/>	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input type="checkbox"/>	Field data
<input type="checkbox"/>	Data table of soil contaminant concentration data
<input type="checkbox"/>	Depth to water determination
<input type="checkbox"/>	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
<input type="checkbox"/>	Boring or excavation logs
<input type="checkbox"/>	Photographs including date and GIS information
<input type="checkbox"/>	Topographic/Aerial maps
<input type="checkbox"/>	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	
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: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



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: \_\_\_\_\_

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.

- ☒ 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: Kevin Smaka Title: Regulatory Engineer  
Signature:  Date: 8/18/20  
email: kevin.smaka@duganproduction.com Telephone: 505-325-1821 x1049

**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: 04/01/2022  
Printed Name: Nelson Velez Title: Environmental Specialist – Adv

## Billie Com #91

API# 30-045-33873

A-35-22N-08W

Spill Closure Report

Dugan Production Corp.

Dugan Production Corp. was made aware of a stuffing box located at Dugan Production's Billie Com #91 well site. Dugan personnel checked the location, stopped the source of the leak, constructed an earthen berm to prevent the spread of further contamination and built a fence to prevent further exposure to the public, wildlife and the environment.

Since it was produced water Dugan treated the spill area (roughly 60'x 13') with 400 lbs of gypsum and 160 bbl of fresh water in order to remediate the location. On 6/2/2020 Dugan sampled the affected soils and sent the samples to Envirotech for analysis. The lab results indicated TPH and BTEX were within the allowable limits but chloride concentrations were too high.

Dugan applied 200 more lbs of gypsum and 80 bbls of water in an effort to clear up the chloride contamination. Sampling actives were scheduled on 8/13/2020. Results indicated that chlorides had been cleared up and the site is considered remediated.

A scaled site map, areas with buffers, depth to groundwater, mine proximity, floodplain maps have been included as part of this report.



# Billie Com #91 Spill Area

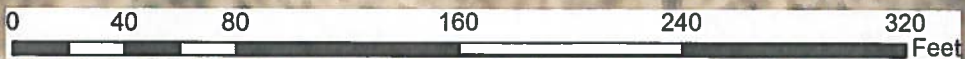
035

BILLIE COM 91

T22N - R08W

## Legend

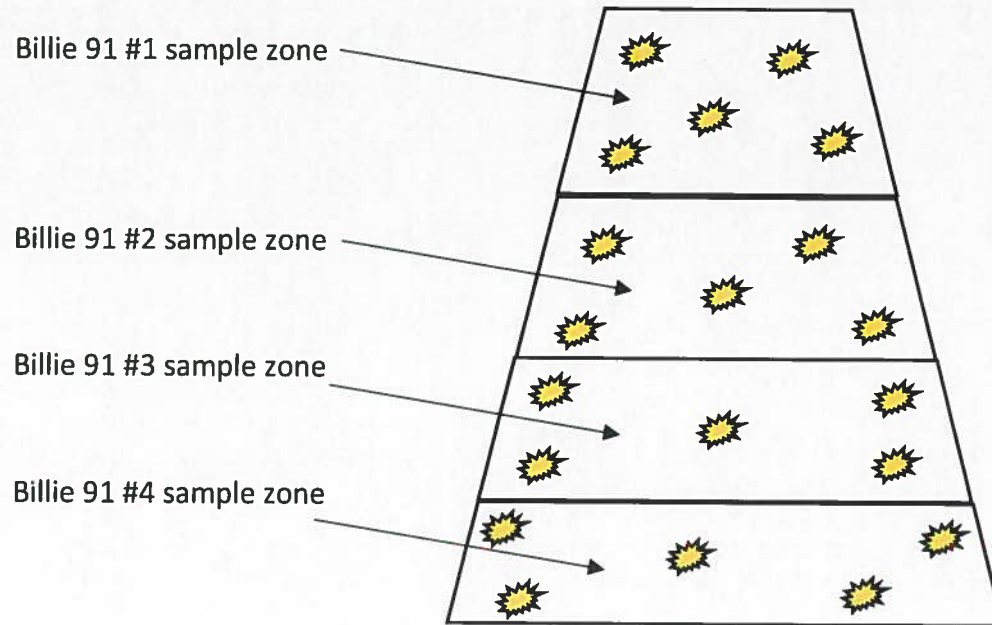
- DPC\_Oil\_Wells
- \* DPC\_Gas\_Wells
- Spill\_Area



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Billie Com #91

## Soil Sampling Diagram





## Kevin Smaka

---

**From:** Kevin Smaka  
**Sent:** Monday, August 10, 2020 2:18 PM  
**To:** 'Smith, Cory, EMNRD'; 'Adeloye, Abiodun A'  
**Subject:** Billie Com #91 notice of Sampling

Dugan will be collecting samples from a produced water spill at the Billie Com #91. We plan to collect samples this Thursday, 8/13/2020 at 9:00 AM.

Here is the legal details of the land:

Billie Com #91  
API #30-045-33873  
A-35-22N-08W  
1300 FNL 1280 FEL  
Fed Lease No. NM-94067

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

**Kevin Smaka**

---

**From:** Kevin Smaka  
**Sent:** Friday, May 29, 2020 1:57 PM  
**To:** 'Smith, Cory, EMNRD'; 'aadeloye@blm.gov'  
**Subject:** Notice of Sampling

Dugan is notifying of plans to conduct sampling activities located at Dugan's Billie Com #91. A minor spill occurred when a stuffing box leaked. Soils have been treated and remediated and you are being invited to witness the sampling. Dugan will be sampling Tuesday June 2<sup>nd</sup> 2020 @ 10:00 AM.

Here is the land information:

API# 30-045-33873  
A-35-22N-08W  
36.0995827,-107.6477814  
Located on Federal Lease NM-94067

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



# Billie #91, Aerial Buffer

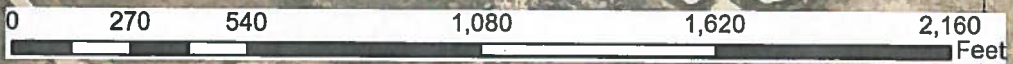
025



036

## Legend

- DPC\_Oil\_Wells
- ⊛ DPC\_Gas\_Wells
- 1000 Foot Buffer
- Spill\_Area



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

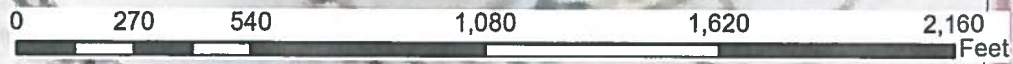


# Bille #91 Buffer Topo

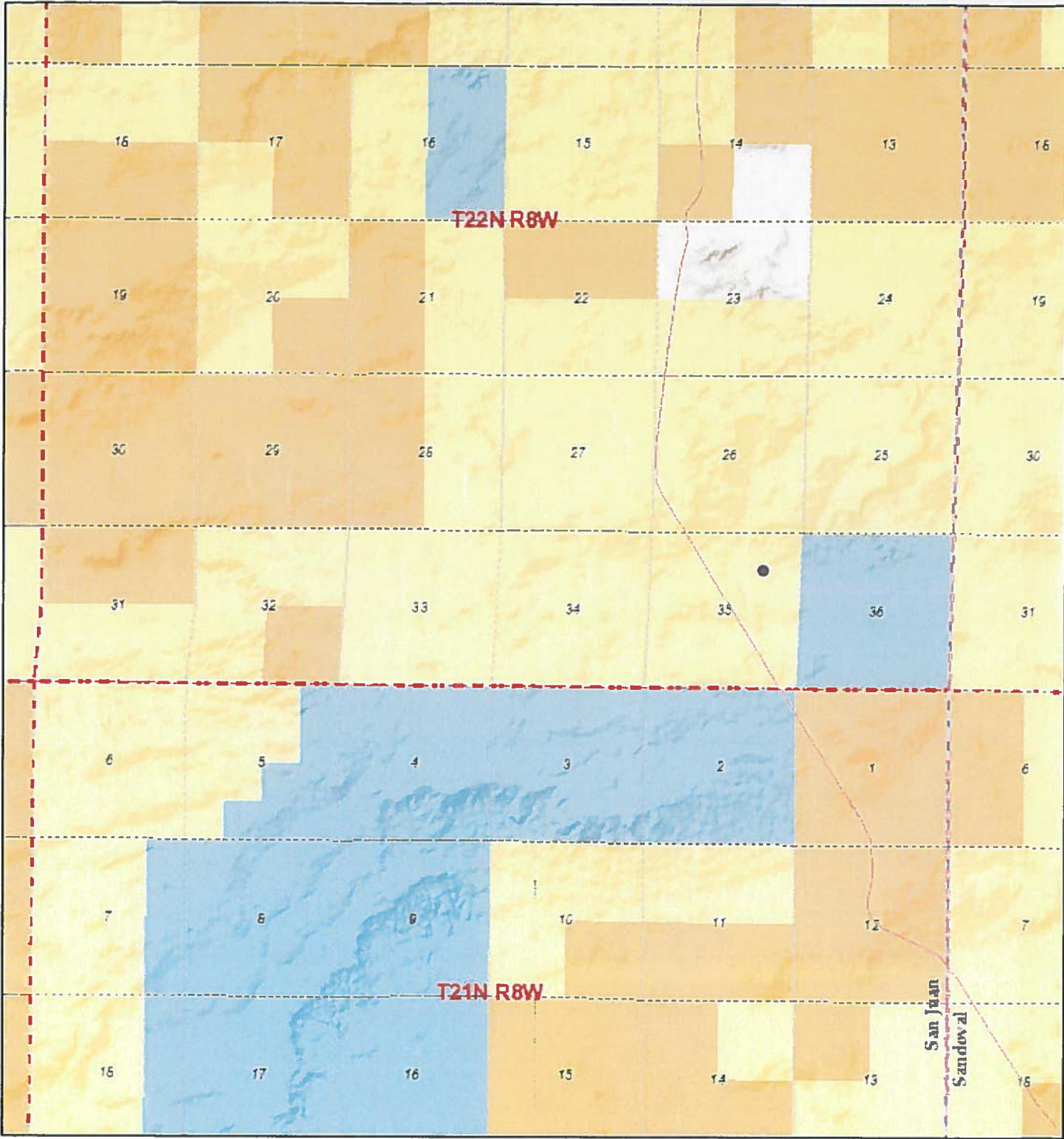


## Legend

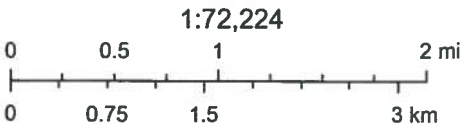
- DPC\_Oil\_Wells
- ⊛ DPC\_Gas\_Wells
- 1000 Foot Buffer
- Spill\_Area



# Active Mines in New Mexico



8/18/2020, 2:01:54 PM



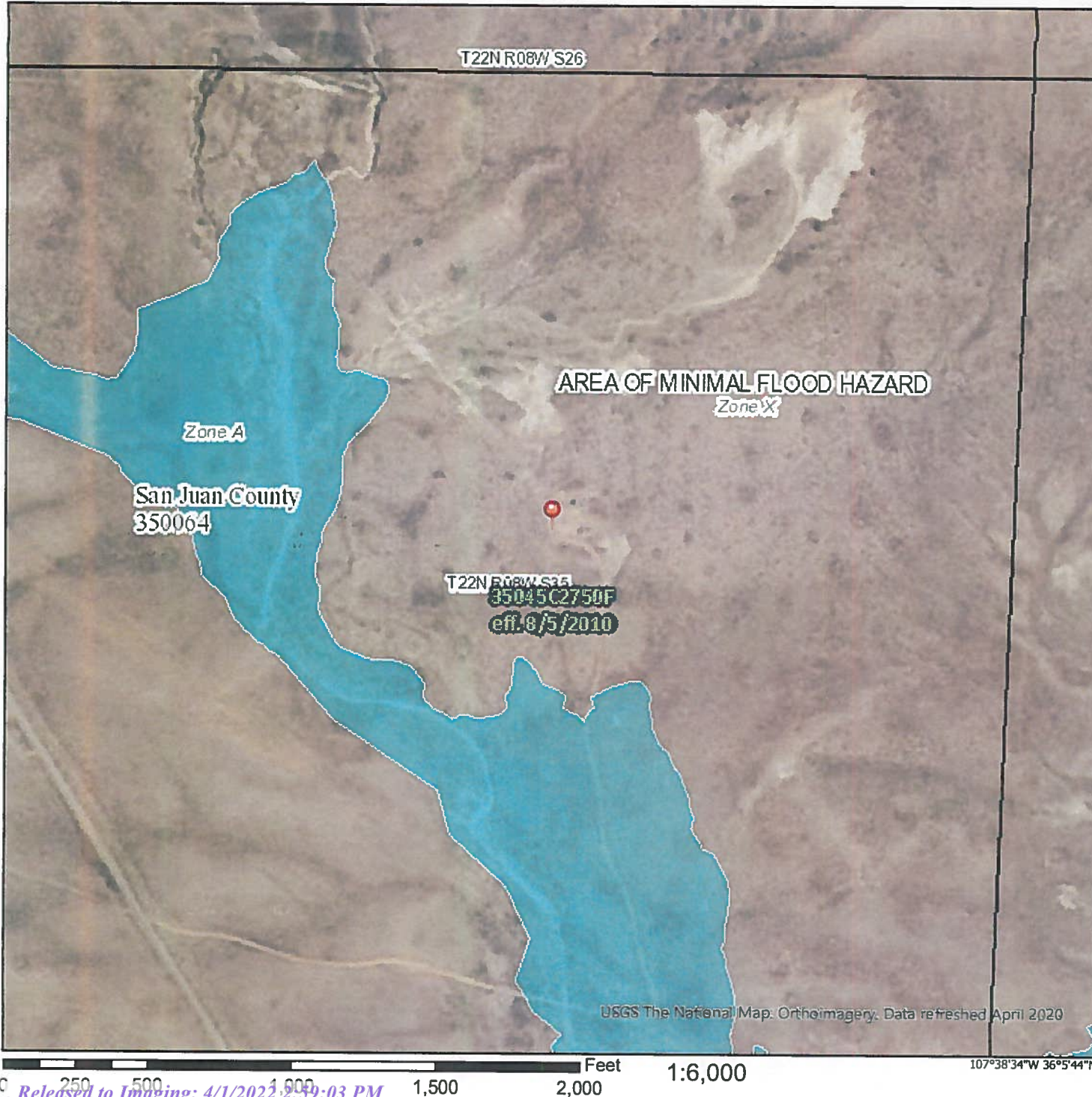
U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS



## National Flood Hazard Layer FIRMette



107°39'12"W 36°6'13"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area 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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped

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 8/18/2020 at 4:00 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.

USGS The National Map: Orthoimagery. Data refreshed April 2020

107°38'34"W 36°5'44"N

1:6,000

Feet

1,500

1,000

500

250

Released to Imaging: 4/1/2022 2:59:03 PM



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

**Basin/County Search:**

**Basin:** San Juan

**County:** San Juan

**PLSS Search:**

**Section(s):** 35

**Township:** 22N

**Range:** 08W

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

8/18/20 2:06 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



Dugan Production Corp.	Project Name:	Billie #91	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

Billie 91 #1  
P008039-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Dugan Production Corp.	Project Name:	Billie #91	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

Billie 91 #1  
P008039-01 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.







Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

Billie 91 #2  
P008039-02 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A		mg/kg	mg/kg			Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com







Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

Billie 91 #3  
P008039-03 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A		mg/kg	mg/kg			Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	





Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

Billie 91 #4  
P008039-04 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
---------	--------	-----------------	----------	----------	----------	-------

<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





Dugan Production Corp.	Project Name:	Billie #91	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

Billie 91 #2  
P008039-02 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





Dugan Production Corp.	Project Name:	Billie #91	Reported: 08/17/20 17:00
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	

**Billie 91 #3**  
**P008039-03 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	I	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





Dugan Production Corp.	Project Name:	Billie #91	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

Billie 91 #4  
P008039-04 (Solid)

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





## Project Information

## Chain of Custody

Page 1 of 1[illegible]

## Chain of Custody

Page 1 of 1

Page 9 of 9





## Analytical Report

### Report Summary

Client: Dugan Production Corp.

Samples Received: 8/13/2020

Job Number: 06094-0177

Work Order: P008039

Project Name/Location: Billie #91

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 8/17/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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 NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.





Dugan Production Corp.	Project Name:	Billie #91	
PO Box 420	Project Number:	06094-0177	Reported:
Farmington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Billie 91 #1	P008039-01A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #2	P008039-02A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #3	P008039-03A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #4	P008039-04A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

### Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Billie 91 #1	P008039-01A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #2	P008039-02A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #3	P008039-03A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.
Billie 91 #4	P008039-04A	Soil	08/13/20	08/13/20	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com







Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

**Anions by EPA 300.0/9056A - Quality Control**

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
<b>Blank (2033044-BLK1)</b>									
Chloride	ND	20.0							Prepared: 08/14/20   Analyzed: 08/15/20 0
<b>LCS (2033044-BS1)</b>									
Chloride	250	20.0	250		99.9	90-110			Prepared: 08/14/20   Analyzed: 08/15/20 0
<b>Matrix Spike (2033044-MS1)</b>									
Chloride	309	20.0	250	61.6	99.1	80-120			Source: P008034-01   Prepared: 08/14/20   Analyzed: 08/15/20 0
<b>Matrix Spike Dup (2033044-MSD1)</b>									
Chloride	315	20.0	250	61.6	101	80-120	1.75	20	Source: P008034-01   Prepared: 08/14/20   Analyzed: 08/15/20 0

**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.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Dugan Production Corp.	Project Name:	Billie #91	Reported: 08/17/20 17:00
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - \*\* Methods marked with \*\* are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.





Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Billie #91 Project Number: 06094-0177 Project Manager: Kevin Smaka	Reported: 08/17/20 17:00
--	--	-----------------------------

**Anions by EPA 300.0/9056A - Quality Control**

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	---------------	-------------------	-------

**Blank (2033044-BLK1)**

Prepared: 08/14/20 1 Analyzed: 08/15/20 0

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

**LCS (2033044-BS1)**

Prepared: 08/14/20 1 Analyzed: 08/15/20 0

Chloride	250	20.0	250		99.9	90-110			
----------	-----	------	-----	--	------	--------	--	--	--

**Matrix Spike (2033044-MS1)**

Source: P008034-01 Prepared: 08/14/20 1 Analyzed: 08/15/20 0

Chloride	309	20.0	250	61.6	99.1	80-120			
----------	-----	------	-----	------	------	--------	--	--	--

**Matrix Spike Dup (2033044-MSD1)**

Source: P008034-01 Prepared: 08/14/20 1 Analyzed: 08/15/20 0

Chloride	315	20.0	250	61.6	101	80-120	1.75	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.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Dugan Production Corp.	Project Name:	Billie #91	Reported: 08/17/20 17:00
PO Box 420	Project Number:	06094-0177	
Farmington NM, 87499	Project Manager:	Kevin Smaka	

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - \*\* Methods marked with \*\* are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





## Analytical Report

### Report Summary

Client: Dugan Production Corp.

Samples Received: 8/13/2020

Job Number: 06094-0177

Work Order: P008039

Project Name/Location: Billie #91

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Walter Hinchman, Laboratory Director

Date: 8/17/20



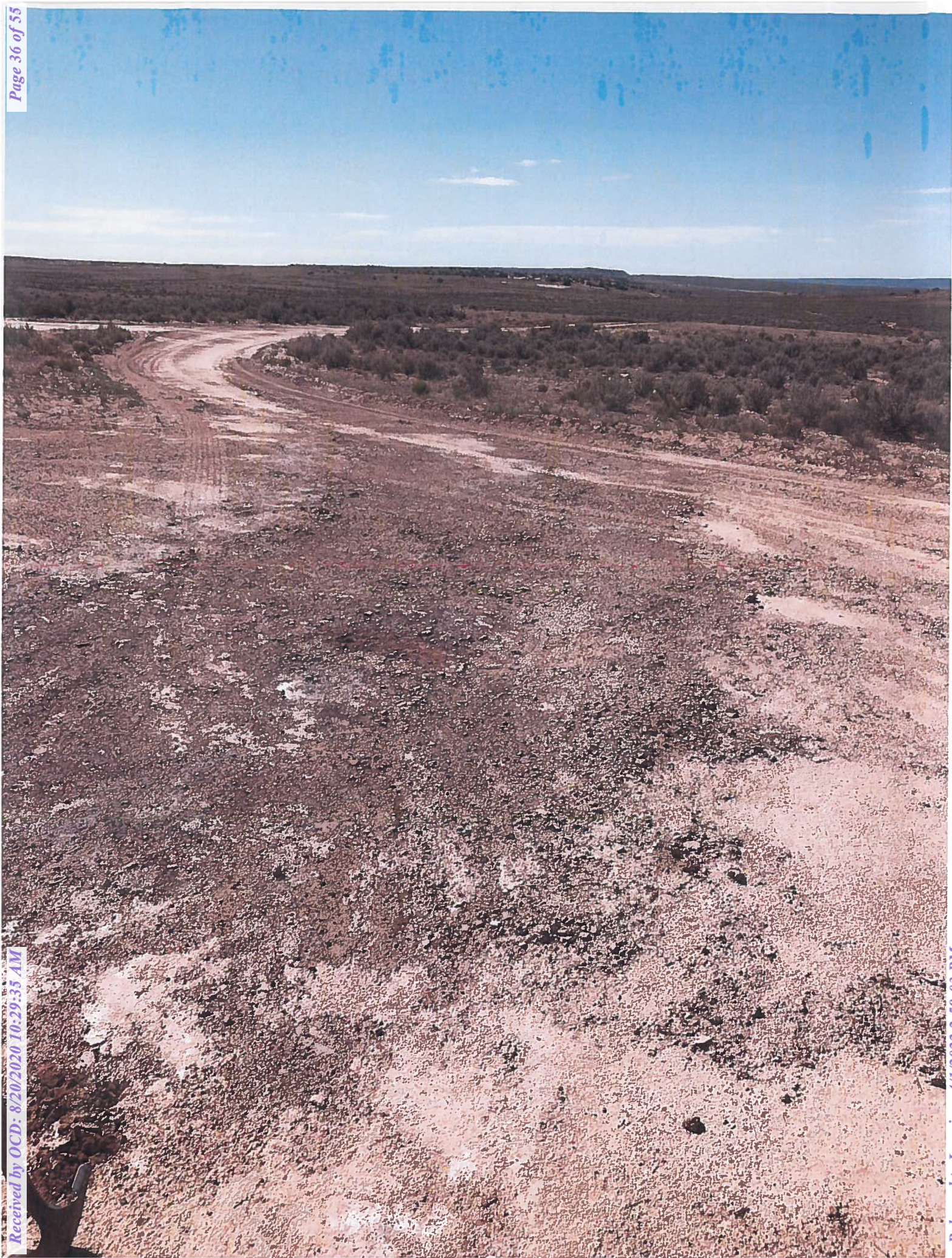
Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.











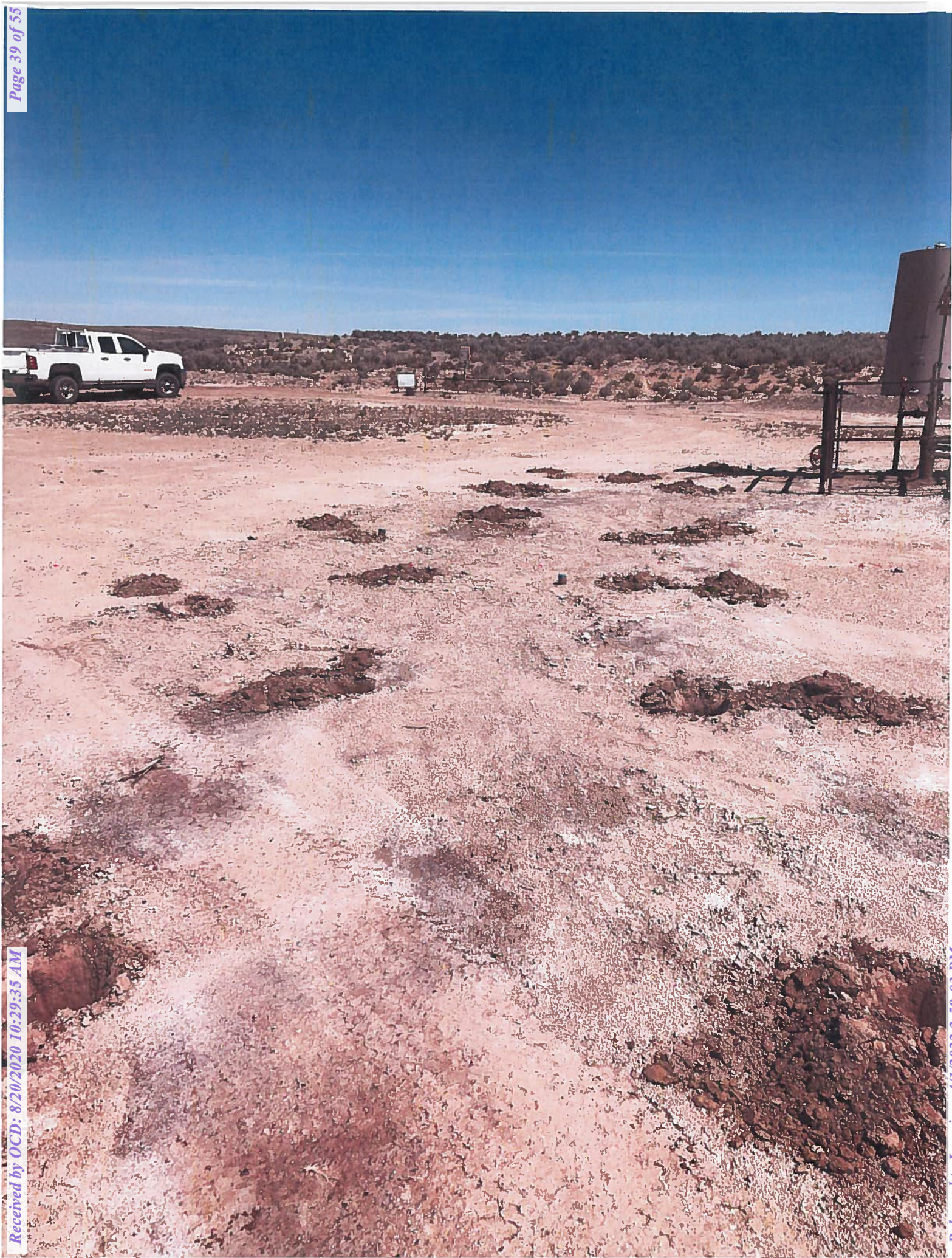




























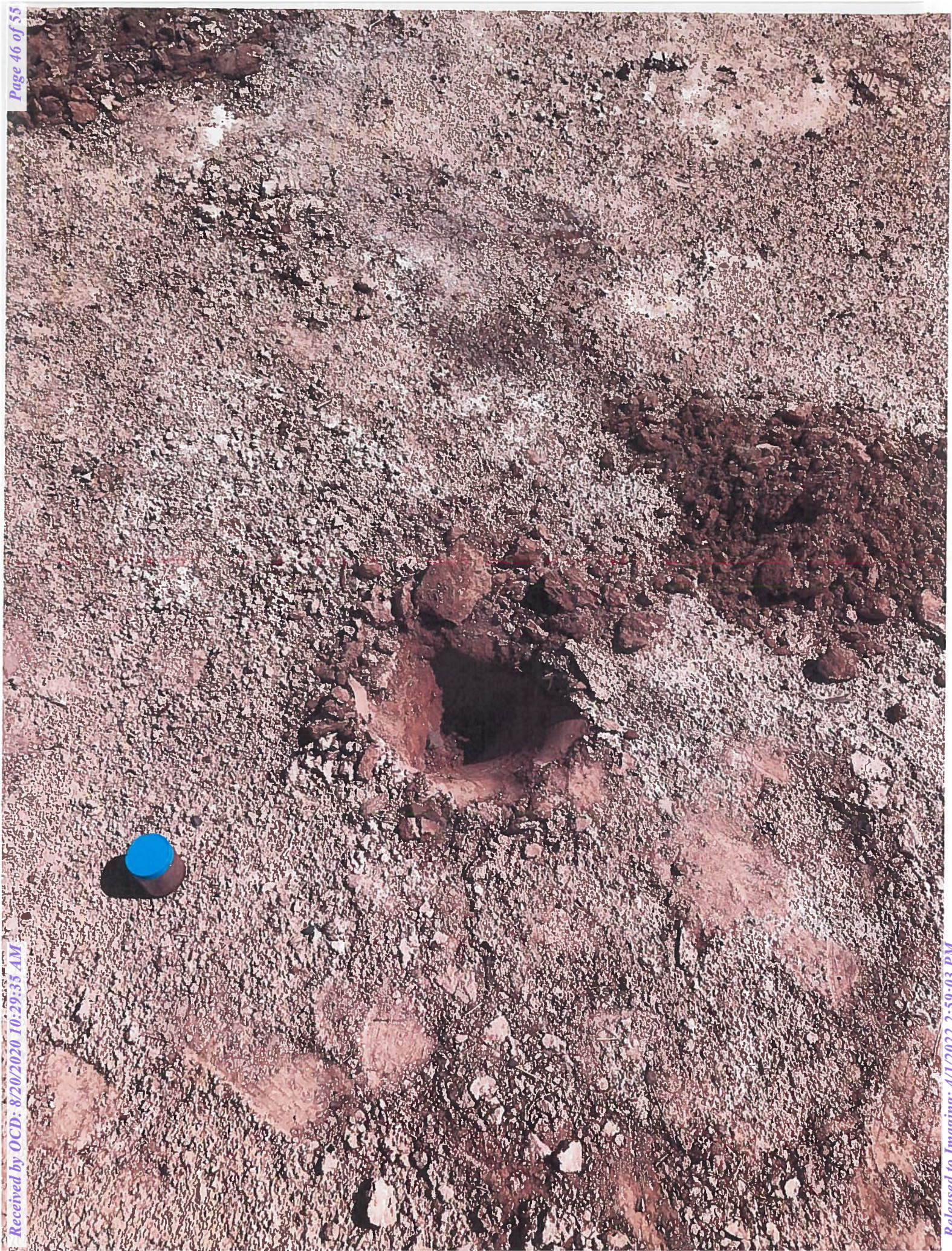
































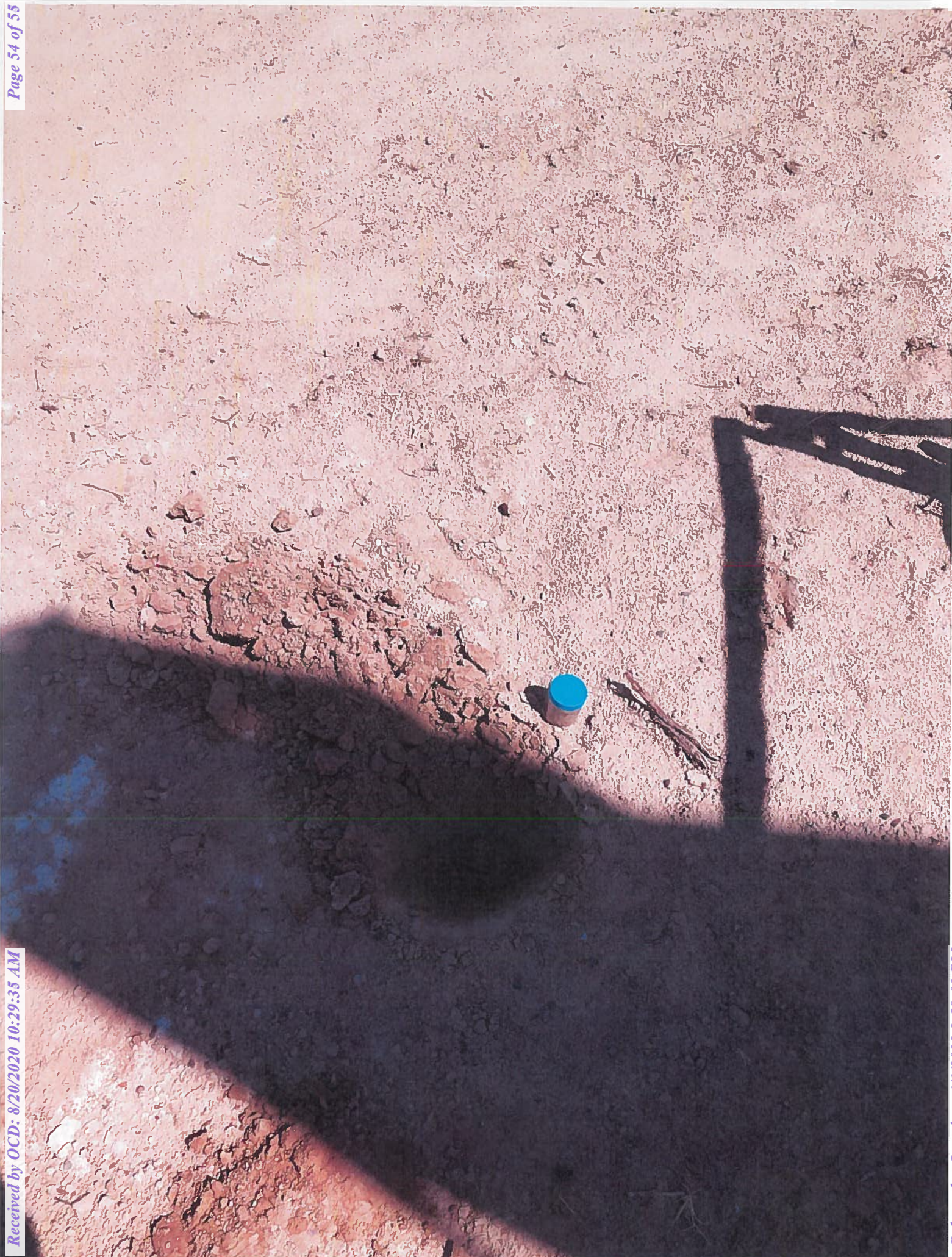














**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District 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 9784

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 9784
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	3/31/2022