0 District I Page 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

5

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		

### 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)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 23	Volume Recovered (bbls) 0
	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)

Image 2       State of New Mexico Oil Conservation Division         Was this a major release as defined by 19.15.29.7(A) NMAC?       If YES, for what reason(s) does the responsible party consi release as defined by         Yes       No         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and         If the responsible party must undertake the following actions immediately unless they could complex.         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 p         All free liquids and recoverable materials have been removed and managed appro         If all the actions described above have not been undertaken, explain why:	and by what means (phone, email, etc)? <i>uld create a safety hazard that would result in injury</i> nent. ent pads, or other containment devices.
Was this a major release as defined by 19.15.29.7(A) NMAC?       If YES, for what reason(s) does the responsible party consist 19.15.29.7(A) NMAC?         □ Yes ⊠ No       If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and <i>Initial Response</i> The responsible party must undertake the following actions immediately unless they could cr         □ 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 p         □ All free liquids and recoverable materials have been removed and managed approprint	Facility ID         Application ID         consider this a major release?         and by what means (phone, email, etc)?         and by what means (phone, email, etc)?         and create a safety hazard that would result in injury         nent.         ent pads, or other containment devices.
Was this a major release as defined by 19.15.29.7(A) NMAC?       If YES, for what reason(s) does the responsible party consist 19.15.29.7(A) NMAC?         □ Yes ⊠ No       If YES, was immediate notice given to the OCD? By whom? To whom? When and         If YES, was immediate notice given to the OCD? By whom? To whom? When and <i>Initial Response</i> The responsible party must undertake the following actions immediately unless they could cr         □ 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 p         □ All free liquids and recoverable materials have been removed and managed approprint	Application ID         onsider this a major release?         and by what means (phone, email, etc)?         uld create a safety hazard that would result in injury         nent.         ent pads, or other containment devices.
release as defined by 19.15.29.7(A) NMAC? □ Yes ⊠ No If YES, was immediate notice given to the OCD? By whom? To whom? When and <b>Initial Response</b> The responsible party must undertake the following actions immediately unless they could co □ 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 p □ All free liquids and recoverable materials have been removed and managed appro-	and by what means (phone, email, etc)?
release as defined by 19.15.29.7(A) NMAC? ☐ Yes ⊠ No If YES, was immediate notice given to the OCD? By whom? To whom? When and If YES, was immediate notice given to the OCD? By whom? To whom? When and Initial Response The responsible party must undertake the following actions immediately unless they could cr ☐ 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 p ☐ All free liquids and recoverable materials have been removed and managed appro-	and by what means (phone, email, etc)? uld create a safety hazard that would result in injury nent.
If YES, was immediate notice given to the OCD? By whom? To whom? When and Initial Response The responsible party must undertake the following actions immediately unless they could cr 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 p All free liquids and recoverable materials have been removed and managed appro	uld create a safety hazard that would result in injury nent. ent pads, or other containment devices.
Initial Response         The responsible party must undertake the following actions immediately unless they could cr         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 p         All free liquids and recoverable materials have been removed and managed appropriate	uld create a safety hazard that would result in injury nent. ent pads, or other containment devices.
The responsible party must undertake the following actions immediately unless they could could be action 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 p All free liquids and recoverable materials have been removed and managed approximation.	nent. ent pads, or other containment devices.
The responsible party must undertake the following actions immediately unless they could could be action 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 p All free liquids and recoverable materials have been removed and managed approximation.	nent. ent pads, or other containment devices.
<ul> <li>The impacted area has been secured to protect human health and the environment.</li> <li>Released materials have been contained via the use of berms or dikes, absorbent p</li> <li>All free liquids and recoverable materials have been removed and managed approximation</li> </ul>	ent pads, or other containment devices.
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 p All free liquids and recoverable materials have been removed and managed appro	ent pads, or other containment devices.
Released materials have been contained via the use of berms or dikes, absorbent p All free liquids and recoverable materials have been removed and managed appro	ent pads, or other containment devices.
All free liquids and recoverable materials have been removed and managed appro	
· · · · · · · · · · · · · · · · · · ·	opropriately.
f all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immenas begun, please attach a narrative of actions to date. If remedial efforts have been within a lined containment area (see $19.15.29.11(A)(5)(a)$ NMAC), please attach all ir	been successfully completed or if the release occurr
I hereby certify that the information given above is true and complete to the best of my knowled regulations all operators are required to report and/or file certain release notifications and perfor public health or the environment. The acceptance of a C-141 report by the OCD does not reliev failed to adequately investigate and remediate contamination that pose a threat to groundwater, a	erform corrective actions for releases which may endanger elieve the operator of liability should their operations have ater, surface water, human health or the environment. In
addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for c and/or regulations.	
and/or regulations.	
addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for co and/or regulations. Printed Name: Title: Signature: Date:	
nd/or regulations. Printed Name: Title: Signature: Date:	
and/or regulations. Printed Name: Title: Signature: Date:	

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

•

Trm C-141 Eage 3

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?	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 <b>not</b> on an exploration, development, production, or storage site?	T 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

Received

Data table of soil contaminant concentration data

10:29:35 AM Depth to water determination

Determination of water sources and significant watercourses within 1/2-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

12 he site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation 19.1. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 26 15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

orm C-141	State of New Mexico	Incident ID
3e 4	Oil Conservation Division	District RP
0		
		Facility ID
		Application ID
addition, OCD acceptance	of a C-141 report does not relieve the operator of responsibility	
and/or regulations.		v for compliance with any other federal, state, or local laws
and/or regulations. Printed Name:	Title:	
and/or regulations. Printed Name: Signature:	Title: Date:	
and/or regulations. Printed Name: Signature:	Title: Date:	

S rm C-141	State of New Mexico Oil Conservation Division	n		Incident ID District RP Facility ID Application ID	)
	Remedi	ation <b>P</b>	lan		
<ul> <li>Detailed description</li> <li>Scaled sitemap with</li> <li>Estimated volume of</li> <li>Closure criteria is to</li> </ul>	ecklist: Each of the following items must b n of proposed remediation technique n GPS coordinates showing delineation poin of material to be remediated o Table 1 specifications subject to 19.15.29. for remediation (note if remediation plan tim	ts 12(C)(4) NMA	AC	ys OCD approval	l is required)
Deferral Requests Onl	v: Each of the following items must be con	nfirmed as pa	ert of any re	equest for deferra	al of remediation.
Contamination mus deconstruction.	t be in areas immediately under or around p	roduction equi	ipment whe	ere remediation co	ould cause a major facility
Extents of contamir	nation must be fully delineated.				
Contamination does	s not cause an imminent risk to human health	n, the environ	ment, or gr	oundwater.	
rules and regulations all which may endanger pu liability should their op- surface water, human ho	information given above is true and comple l operators are required to report and/or file of ablic health or the environment. The accepta erations have failed to adequately investigate ealth or the environment. In addition, OCD liance with any other federal, state, or local l	certain release ance of a C-14 e and remediat acceptance of	e notificatio 1 report by te contamin a C-141 re	the OCD does not not on the the occ does not be a set of the	orrective actions for releases ot relieve the operator of threat to groundwater,
Printed Name:		Title:			
Signature:		Date:			
email:		Telephone	:		
OCD Only					
Received by:		Date:	_		
	Approved with Attached Conditions of				Deferral Approved
		Date:			
Received by OCD: 8/20/2020 10:29:35 AM					

•

Sorm C-141

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: <u>Regulatory Engineer</u>
Signature: <u>Anto</u> Such	Date: <u>8/18/20</u>
email: <u>kevin.smaka@duganproduction.com</u>	Telephone: <u>505-325-1821 x1049</u>
OCD Only	
Received by:	Date:
Sure approval by the OCD does not relieve the responsible par rediate contamination that poses a threat to groundwater, surfacting ty of compliance with any other federal, state, or local laws an	ty of liability should their operations have failed to adequately investigate and ce water, human health, or the environment nor does not relieve the responsible id/or regulations.

Sure Approved	by: <u>Nelson Velez</u> Nelson Velez	Date:04/01/2022
Inted Name:	Nelson Velez	Title: Environmental Specialist – Adv
by 00		
eived		
Rec		

Page 7 of

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

# Soil Sampling Diagram

Billie 91 #1 sample zone \*\*\* Billie 91 #2 sample zone \*\*\* \*\*\* \*\*\* the second \*\*\* Billie 91 #3 sample zone E ..... E .... Ŧ. Billie 91 #4 sample zone

#### Kevin Smaka

From: Sent: To: Subject:

Kevin Smaka Monday, August 10, 2020 2:18 PM 'Smith, Cory, EMNRD'; 'Adeloye, Abiodun A' 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-3 5-22N-08W 1300 FNL 1280 FEL Fed Lease No. NM-94067

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

Received by OCD: 8/20/2020 10:29:35 AM

#### **Kevin Smaka**

From: Sent: To: Subject:

Kevin Smaka Friday, May 29, 2020 1:57 PM 'Smith, Cory, EMNRD'; 'aadeloye@blm.gov' 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

Received by OCD: 8/20/2020 10:29:35 AM







1.5

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

3 km

Page 14 of 55

0

0.75

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

# Received by OCD: 8/20/2020 10:29:35 AM INATIONAL FIOOD Hazard Layer FIRMette



#### Legend

107°39'12"W 36°6'13"N SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) T22N R08W S26 With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS **Regulatory Floodway** 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 > **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes, Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X **Effective LOMRs OTHER AREAS** Area of Undetermined Flood Hazard Zone AREA OF MINIMAL FLOOD HAZARD -- Channel, Culvert, or Storm Sewer GENERAL ZoneX STRUCTURES | IIIIII Levee, Dike, or Floodwall Zone A 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation San Juan County Coastal Transect -sig----- Base Flood Elevation Line (BFE) 350064 Limit of Study Jurisdiction Boundary ---- Coastal Transect Baseline T22N RUB OTHER **Profile Baseline** FEATURES **Hydrographic Feature Digital Data Available** No Digital Data Available MAP PANELS X Unmapped 0 The pin displayed on the map is an approximate point selected by the user and does not represe 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. USGS The National Map. Orthoimagery. Data refreshed April 2020

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.

<sup>0</sup>. Released to Imaging: 4/1/2022, 2.39:03 PM 1,500

Feet 2,000

1:6,000

107°38'34"W 36°5'44"N

Page 15 of 55





# 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.

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

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #9 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #1 19-01 (Solid)				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
hloride	ND	20.0	1	08/14/20	08/15/20	

-6

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

Page 3 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #9 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #1 9-01 (Solid)				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

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

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

Page 3 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #9 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		ie 91 #2 9-02 (Solid)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300,0/9056A	mg/kg	mg/kg				Batch: 2033044
hloride	ND	20.0	1	08/14/20	08/15/20	

tech, Inc.

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

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

Page 4 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #91 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #3 9-03 (Solid)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg		1947		Batch: 2033044
hloride	ND	20.0	1	08/14/20	08/15/20	

n, Inc.

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

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

Page 5 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #9 06094-01 Kevin Sn	77			<b>Repor</b> 08/17/20	
		lie 91 #4 9-04 (Solid)					
		Reporting				N. 6	
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
nions by EPA 300.0/9056A	mg/kg	mg/kg				Batch:	2033044
hloride	ND	20.0	1	08/14/20	08/15/20		



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

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

Page 6 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #9 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #2 39-02 (Solid)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2033044
hloride	ND	20.0	1	08/14/20	08/15/20	

E

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

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

Page 4 of 9

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #91 06094-01 Kevin Sm	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #3 39-03 (Solid)			the state	7.5.1.4
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg		1.1.1.1.1		Batch: 2033044
hloride	ND	20.0	1	08/14/20	08/15/20	

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



Page 5 of 9

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

Dugan Production Corp. PO Box 420 Farmington NM, 87499	Project Name: Project Number: Project Manager:	Billie #91 06094-01 Kevin Sn	77			<b>Reported:</b> 08/17/20 17:00
		lie 91 #4 39-04 (Solid)				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
nions by EPA 300.0/9056A	mg/kg	mg/kg	Try Physics			Batch: 2033044
Chloride	ND	20.0	1	08/14/20	08/15/20	

e

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

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

Page 6 of 9

Project Information

#### Chain of Custody

Page \_\_\_\_\_ of \_\_\_\_\_

Client:	PUGO	10	01		33	8		Bill To				0.000		ab U	se Or	ly	15-44	-	TAT	E	PA Progra	m
	Bittie			0000		Attentio				_	Lab	WO#	-	0	dof	Num	ber	10	) 3D	RCRA	CWA	SDWA
Project N	Manager:	REV	0	MAK	S	Address					PC	SOC	50	51	<i>C</i>	504	4-()	(++	X			
	709		hurro			City, Sta	te, Zip					_	_	-	Analy	sis ar	nd Me	thod				ate
City, Stat	te, Zip /- 50.5 - 4	GEIN	1250	gan	7	Phone:					1										NM CO	UT AZ
			640	nprodu	tel	Email:					1015	015									X	
Report d		SINGRY	le avega	nproces:		qom					O by 8	3 Aq O	8021	3260	010	300.0					TX OK	
Time Sampled	Date Sampled	Matrix	No Containers	Sample 1D				1.0	10	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					Rem	narks
9:30	8-13	5	1	Bill	ie c	11 #	1			1						X						
11	11	11	1	Bil	lics	91 #	2			2					14	X						
17 T	11		t	Bil	lic	91 1	+ 3			3						X						
11	tr.	1J.	1	Bil	ie	91 3	# 4 .			4						X						
		2 <sup>8</sup> .	1	1. 11																		
	-												1)					1				
		·													-				-	-	-	
										1.1.1.1.1.1						_	-	-				
				-	105.5			-					_			_	-+					
								-			_			-		_		-	-		-	
Addition	al Instruc	Alena				1 				A COMPANY												
				his								-	24		It amounted							
time of collec	tion is consider	red fraud and n	nay be ground	for legal action	. Sampled by		3	en	2 Sample loc	Stal	h										e day they are san subsequent days	
Thy	ed by: (Signa	Br	Date	13/20		33	eiverthy: (Sig	ind	nen	Date 8/13/1	10		:23	3	Rece	ived	on ice		Y N	e Only		
reinquishi	ed by: (Signa	aturej	Date		Time	Rece	eived by: (Sig	gnature) 🖡	0	Date		Time			T1			Т7			T3	
Relinguish	ed by: (Signa	ature)	Date		Time	Rece	eived by: (Sig	gnature)		Date		Time			AVG	Tem	n°c	4			13	
				queous, O - Ol		_			1. 10 - 10	Container	Туре	: g - g	lass,	p - p	olv/pl	astic.	ag - ar	nber gl	ass, v - '	VOA		
Note: Sampl only to those	es are discard e samples rec	ded 30 days a eived by the	fter results a laboratory w	re reported us th this COC.	nless other a The liability	arrangements y of the labora	s are made, H story is limited	lazardous sam d to the amou	ples will be nt paid for o	returned to cl	ent or	dispose	ed of a	it the c	illent e	opense	The re	port for 1	he analy	is of the ab	ove samples is	applicable
C		-				795 US Highwar		1		11.3			~	15051	£33 434		505) 632	1045		Anus	mtech-inc cor	m
1-		Analy	fical L	ec		4 Hour Emerge			2-1879					10031	v 32-10	21 2"X []	111032	-1603	la	badmin@ci	wirate ch-inc.	com

Page 25 of 55

Received by OCD: 8/20/2020 10:29:35 AM

Page 9 of 9

#### **Project Information**

### Chain of Custody

Page\_ of

	Biffic		GT			Bill To			N		ab Us	se On	Contraction of the local division of the loc	101		AT	E	PA Progra	m
		Ker	10 3	Maka	Attention: Address:			Lab	WO#	20-	0	Job	WMPF	-AIT	1D	3D	RCRA	CWA	SDW
ddress:	709	EI	hurra		City, State, Zip		-	PC	Ole	505	-		094			X			
City, Stat	e, Zip /	grm,	inatr		Phone:		-			-		Anary	sis and	Ivietno		1 1			ate
		186 -		7	Email		_	LU1	ŝ									NM CO	UTA
Email: 📈	evin .	Smaky	@ dung	production	1 COM			801	801				q					TX OK	
Report d	ue by:	-						lq O	(q 0	802	8260	010	300						
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		1000	Lab Imber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					Rem	narks
9;30	8-13	5	1	Billie	91 #1		1						X						
11	il.	11	1	Billic	91 #2		2						X						
17	11		1	Billie	91 # 3		ż.						X						
11 - 26	11	11	l" au	Billie	·91.#4		4						X						
	<sup>6</sup> - 11		1													1			
																			-
							19.8						+	+	-				
														-					
									-	-				+-				1	-
ddition	al Instruc	tions:	L							_		-		_	<u> </u>				
					at tampering with or intentionally r	nislabelling the sample location,	date or	1	-	-								e day they are sam subsequent days,	
	t by: (Signa		Date	for legal action. Sampled	Received by: (Sign	ature) A Date	49	9	Time		-							sousequent bays,	
Th.	any	Bra	128	13/20 11:	33 Rai	adams 8	132	D		23		Rece	ived or	ice:	Y		Only		
elinquishe	d by: (Signa	ature)	Date	Time	Received by: (Sign:				Time			T1			-	-			
elinquishe	d by: (Signa	ature)	Date	Time	Received by: (Signa	ature) Date			Time			AVG	Temp '	- 4	<u>12</u>			<u>T3</u>	199
mple Matri	ix: S - Soil, Sd	- Solid, Sg - S	Sludge, A - Ac	ueous, O - Other		Cor	tainer	Type:	g - g	lass,	0 - 00	lv/ola	stic. ag	- ambe	r glas	5. V - V	/OA	and the states	-
ote: Sample	s are discard	led 30 days af	fter results an	e reported unless othe	r arrangements are made. Haz	ardous samples will be return	ed to clie	ent or o	dispose	ed of a	t the c	lient ex	pense. Ti	ne report	for the	analysi	s of the abo	we samples is	applicabl
iy to mose	samples reco	eivea by the l	adoratory wi	th this COC. The liability	ty of the laboratory is limited to	o the amount paid for on the	report.					-	-					-	
-	500	ive	rot	ech	5705-110 Minham 54 Frankrik	58457404				_						1000	enur	otech-inc con	0
1=	~~	Anoly	fical La		5795 US Highway 64, Faminoton, 24 Hour Emergency Response Ph			_		Ph	(505) (	032-188	1 Fx (505	632-186	5	-		virate ch-ine a	1000



#### **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:

Walter Hinden

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.



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

Page 1 of 9

Received by OCD: 8/20/2020 10:29:35 AM



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.

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

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

Page 2 of 9



# Analytical Laboratory

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.

e

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

Page 2 of 9

Received by OCD: 8/20/2020 10:29:35 AM

Dugan Production Corp.		Project Name:	1	Billie #91					
PO Box 420		Project Numbe	r: (	6094-0177					Reported:
Farmington NM, 87499		Project Manag	er: I	Kevin Smaka					08/17/20 17:00
	A	nions by EPA	300.0/905	6A - Qual	ity Contr	ol			
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2033044-BLK1)							Prepared	: 08/14/20 1	Analyzed: 08/15/20 0
Chloride	ND	20.0							0.000
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: P	008034-01	Prepared	: 08/14/20 1	Analyzed: 08/15/20 0
Chloride	309	20.0	250	61.6	99.1	80-120	100.3	1.8	
Matrix Spike Dup (2033044-MSD1)	1.11				Source: P	008034-01	Prepared	: 08/14/20 1	Analyzed: 08/15/20 0
Chloride	315	20.0	250	61.6	101	80-120	1.75	20	

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 my 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

Page 7 of 9

Received by OCD: 8/20/2020 10:29:35 AM



Received by OCD: 8/20/2020 10:29:35 AM

## envirotech Analytical Laboratory

Dugan Production Corp.	Project Name:	Billie #91	
PO B 0x 420	Project Number:	06094-0177	Reported:
Farma ington NM, 87499	Project Manager:	Kevin Smaka	08/17/20 17:00

#### **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.

# Analytical Laboratory

Dugan Production Corp.		Project Name:		Billie #91		1111	1.0		
PO Box 420		Project Numbe	er:	06094-0177					Reported:
Farmington NM, 87499		Project Manag	er:	Kevin Smaka					08/17/20 17:00
	А	nions by EPA	300.0/90	56A - Qual	ity Contr	·ol			
Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2033044-BLK1)							Prepared	: 08/14/20 1	Analyzed: 08/15/20 (
Chloride	ND	20.0			1				
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)	1.12.13				Source: P	008034-01	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)	1.1.1				Source: P	008034-01	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 my differ slightly.

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



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

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

Page 7 of 9

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

#### **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

Page 8 of 9

Received by OCD: 8/20/2020 10:29:35 AM



#### **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:

Walter Hinder

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.



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

Page 1 of 9














Keleased to Imaging.



























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

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

## CONDITIONS

Created By		Condition Date
nvelez	None	3/31/2022

CONDITIONS

Page 55 of 55

Action 9784