

NMOCD

APR 12 2018

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

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

DISTRICT III

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

## OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Dugan Production Corp	Contact:	Rodger Mullins
Address PO Box 420, Farmington NM 87499-0420		Telephone No.	(505)320-5443
Facility Name: Mary Lou #1 SWD		Facility Type:	Salt Water Disposal

Surface Owner: State	Mineral Owner: State	API No. 30-045-26460
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## LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	32	24N	10W	800	North	800	East	San Juan

Latitude: 36.27505 Longitude: -107.91241

## NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Approx 15 bbls	Volume Recovered: 11 bbls
Source of Release: Filter Pod	Date and Hour of Occurrence 07/05/14 - Time Unknown	Date and Hour of Discovery 7/5/14 @ 1200 hrs
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell & Cory Smith (NMOCD)	
By Whom? Rodger Mullins	Date and Hour: 7/7/14 @ 1017 hrs.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Top of filter pod not tight enough. Filter pod tightened.

Describe Area Affected and Cleanup Action Taken.\*  
(On location) Water stayed on location. Water sucked up by water truck.

**Final:** Soil samples were taken and sent to Cardinal Laboratories for analysis. Results were found to be below the maximum acceptable levels. Gypsum was applied to the affected area and no further action was taken.

(Off Location) None

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

Signature: <i>Rodger v. Mullins</i>	OIL CONSERVATION DIVISION	
Printed Name: Rodger Mullins	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Environmental	Approval Date: 5/4/18	Expiration Date:
E-mail Address: rodger.mullins@dugan production.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/2/2018 Phone: 505-320-5443		

\* Attach Additional Sheets If Necessary

#NCS 1424854260

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PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 02, 2018

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM 87499

RE: MARY LOU #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/27/18 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

DUGAN PRODUCTION  
MIKE SANDOVAL  
P. O. BOX 420  
FARMINGTON NM, 87499  
Fax To: (505) 327-4043

Received: 03/27/2018  
Reported: 04/02/2018  
Project Name: MARY LOU #1 SWD  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 03/21/2018  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: MARY LOU #1 SWD (H800860-01)**

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2018	ND	2.05	103	2.00	1.03	
Toluene*	<0.050	0.050	04/02/2018	ND	2.10	105	2.00	0.715	
Ethylbenzene*	<0.050	0.050	04/02/2018	ND	2.10	105	2.00	1.89	
Total Xylenes*	<0.150	0.150	04/02/2018	ND	6.10	102	6.00	1.71	
Total BTEX	<0.300	0.300	04/02/2018	ND					

*Surrogate: 4-Bromofluorobenzene (PIL)* 105 % 72-148

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/27/2018	ND	448	112	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2018	ND	214	107	200	1.18	
DRO >C10-C28*	<10.0	10.0	03/28/2018	ND	226	113	200	0.178	
EXT DRO >C28-C36	<10.0	10.0	03/28/2018	ND					

*Surrogate: 1-Chlorooctane* 95.3 % 41-142*Surrogate: 1-Chlorooctadecane* 85.7 % 37.6-147

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SH4500CI-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

**Cardinal Laboratories**

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



service@greenanalytical.com or dzule11@greenanalytical.com  
75 Suttle St Durango, CO 81303

[illegible]

\* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.