

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

FEB 12 2018

Form C-141  
Revised April 3, 2017

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: <b>DJR Operating, LLC</b>	Contact: <b>Amy Archuleta</b>
Address: <b>PO BOX 156 Bloomfield, NM 87413</b>	Telephone No.: <b>505-632-3476 x201</b>
Facility Name: <b>Martin Whittaker 55</b>	Facility Type: <b>Well</b>
Surface Owner: <b>Jicarilla Tribe</b>	Mineral Owner: <b>Jicarilla Tribe</b>
API No.: <b>30-039-23541</b>	

## LOCATION OF RELEASE

Unit Letter <b>E</b>	Section <b>16</b>	Township <b>24N</b>	Range <b>04W</b>	Feet from the <b>1740'</b>	North/South Line <b>North</b>	Feet from the <b>960'</b>	East/West Line <b>West</b>	County <b>San Juan</b>
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Latitude 36.31268 Longitude -107.26756 NAD83

## NATURE OF RELEASE

Type of Release <b>Rupture disc on separator failed.</b>	Volume of Release <b>11 bbls</b>	Volume Recovered <b>11 bbls of oil recovered. Liquid/Soil</b>
Source of Release <b>Separator.</b>	Date and Hour of Occurrence <b>1-3-2018 unknown</b>	Date and Hour of Discovery <b>1-4-2018 @ 10 am.</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Jicarilla Oil and Gas, Jicarilla EPO, NMOCD</b>	
By Whom? <b>Amy Archuleta</b>	Date and Hour <b>1-4-2018 12:30 PM.</b>	
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.\*

**On January 4, 2108 the lease operator for this well discovered the separator leaking on this location. A truck was immediately dispatched to clean up the oil release. The liquid was vacuumed and the contaminated soil was taken to IEL's Landfarm.**

Describe Area Affected and Cleanup Action Taken.\*

**The contamination did not leave the wellsite. After clean-up occurred the soil was tested on 1-9-2018 and passed. The backfill was taken from a stock pond approximately 2 miles away.**

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Amy Archuleta</b>	Approved by Environmental Specialist: 	
Title: <b>Regulatory Supervisor</b>	Approval Date: <b>2/3/18</b>	Expiration Date:
E-mail Address: <b>aarchuleta@djrlc.com</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>02-12-18</b> Phone: <b>505-632-3476 x201</b>		

\* Attach Additional Sheets If Necessary **#1805438565**

(12)



**Soil Analytical Results**  
**Martin Whittaker #55**  
**DJR Operating, LLC**

Parameters	SS01	SS02	SS03	Units
	36.3125125/-107.267610	36.312437/-107.267720	36.312498/-107.267781	
Chloride	20.7	130	49.3	mg/kg
Benzene	<0.050	<0.050	<0.050	mg/kg
Toluene	<0.050	<0.050	<0.050	mg/kg
Ethylbenzene	<0.050	<0.050	<0.050	mg/kg
Total Xylenes	<0.150	<0.150	<0.150	mg/kg
Total BTEX	<0.300	<0.300	<0.300	mg/kg
TPH GRO	<10.0	<10.0	<10.0	mg/kg
TPH DRO	<10.0	59.7	20.9	mg/kg
TPH EXT DRO	<10.0	29.4	<10.0	mg/kg
TPH	<30.0	<99.1	<40.9	mg/kg

Samples collected 1/9/18. All samples are 5-point composite samples.

mg/kg- milligrams per kilogram

BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes

TPH- Total Petroleum Hydrocarbons

GRO- Gasoline Range Organics

DRO- Diesel Range Organics

EXT- Extended





All samples collected on January 9, 2018. Samples are composed of 5-point composite samples.

#### Legend

-  Oil & Gas Well
-  Point of Release
-  SS01 Composite Sample
-  SS02 Composite Sample
-  SS03 Composite Sample
-  Excavation Area

**Cottonwood**  
CONSULTING 

Mapping by: H. Ertl, 1/10/18  
Coordinate System:  
NAD 1983 UTM Zone 13 N

**SOIL SAMPLE LOCATION MAP  
MARTIN WHITTAKER #55  
DJR OPERATING, LLC**



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Cottonwood Consulting

PO Box 1653

Durango CO, 81302

Project: BTEX/TPH, CI

Project Name / Number: Martin Whittaker 55

Project Manager: Kyle Siesser

Reported:

01/18/18 16:48

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01	1801073-01	Solid	01/09/18 10:20	01/09/18 13:45
SS02	1801073-02	Solid	01/09/18 10:25	01/09/18 13:45
SS03	1801073-03	Solid	01/09/18 10:35	01/09/18 13:45

Green Analytical Laboratories

A handwritten signature in black ink that reads 'Debbie Zufelt'.

Debbie Zufelt, Reports Manager

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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

SS01

1801073-01 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

% Dry Solids	90.1			%	1	01/18/18	EPA160.3/1684		LLG
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**Soluble (DI Water Extraction)**

Chloride	20.7	11.1	1.59	mg/kg dry	10	01/17/18	EPA300.0		JDA
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**Subcontracted -- Cardinal Laboratories**

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	01/12/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	01/12/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	01/12/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	72-148				01/12/18	8021B		MS
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	01/11/18	8015B		MS
DRO >C10-C28*	<10.0	10.0	2.04	mg/kg	1	01/11/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.04	mg/kg	1	01/11/18	8015B		MS

Surrogate: 1-Chlorooctane	84.9 %	41-142				01/11/18	8015B		MS
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Surrogate: 1-Chlorooctadecane	83.1 %	37.6-147				01/11/18	8015B		MS
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*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

**SS02**

**1801073-02 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

% Dry Solids	91.8			%	1	01/18/18	EPA160.3/1684		LLG
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**Soluble (DI Water Extraction)**

Chloride	130	10.9	1.56	mg/kg dry	10	01/17/18	EPA300.0		JDA
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**Subcontracted -- Cardinal Laboratories**

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	01/12/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	01/12/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	01/12/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148 01/12/18 8021B MS

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	01/11/18	8015B		MS
DRO >C10-C28*	59.7	10.0	2.04	mg/kg	1	01/11/18	8015B		MS
EXT DRO >C28-C36	29.4	10.0	2.04	mg/kg	1	01/11/18	8015B		MS

Surrogate: 1-Chlorooctane 88.7 % 41-142 01/11/18 8015B MS

Surrogate: 1-Chlorooctadecane 88.6 % 37.6-147 01/11/18 8015B MS

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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

SS03

1801073-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**General Chemistry**

% Dry Solids	87.6			%	1	01/18/18	EPA160.3/1684		LLG
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**Soluble (DI Water Extraction)**

Chloride	49.3	11.4	1.64	mg/kg dry	10	01/17/18	EPA300.0		JDA
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**Subcontracted -- Cardinal Laboratories**

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	01/12/18	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	01/12/18	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	01/12/18	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	01/12/18	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)	103 %	72-148				01/12/18	8021B		MS
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0	10.0	3.53	mg/kg	1	01/11/18	8015B		MS
DRO >C10-C28*	20.9	10.0	2.04	mg/kg	1	01/11/18	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	2.04	mg/kg	1	01/11/18	8015B		MS

Surrogate: 1-Chlorooctane	81.7 %	41-142				01/11/18	8015B		MS
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Surrogate: 1-Chlorooctadecane	78.9 %	37.6-147				01/11/18	8015B		MS
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Debbie Zufelt, Reports Manager

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Durango CO, 81302

Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

### General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B801101 - General Prep - Wet Chem

Duplicate (B801101-DUP1) Source: 1801073-01 Prepared: 01/15/18 Analyzed: 01/18/18

% Dry Solids	90.4		%		90.1			0.323	20	
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### Soluble (DI Water Extraction) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch B801097 - General Prep - Wet Chem

Blank (B801097-BLK1) Prepared: 01/15/18 Analyzed: 01/17/18

Chloride	ND	10.0	mg/kg wet							
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LCS (B801097-BS1) Prepared: 01/15/18 Analyzed: 01/17/18

Chloride	241	10.0	mg/kg wet	250		96.5	85-115			
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LCS Dup (B801097-BSD1) Prepared: 01/15/18 Analyzed: 01/17/18

Chloride	241	10.0	mg/kg wet	250		96.3	85-115	0.245	20	
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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 8011205 - Volatiles

##### Blank (8011205-BLK1)

Prepared & Analyzed: 01/12/18

Surrogate: 4-Bromofluorobenzene (PID)	0.102		mg/kg	0.100		102	72-148			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

##### LCS (8011205-BS1)

Prepared & Analyzed: 01/12/18

Surrogate: 4-Bromofluorobenzene (PID)	0.0999		mg/kg	0.100		99.9	72-148			
Benzene	1.97	0.050	mg/kg	2.00		98.4	79.5-124			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	77.7-125			
Toluene	1.97	0.050	mg/kg	2.00		98.4	75.5-127			
Total Xylenes	6.13	0.150	mg/kg	6.00		102	70.9-124			

##### LCS Dup (8011205-BS1)

Prepared & Analyzed: 01/12/18

Surrogate: 4-Bromofluorobenzene (PID)	0.101		mg/kg	0.100		101	72-148			
Benzene	1.98	0.050	mg/kg	2.00		99.1	79.5-124	0.724	6.5	
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	77.7-125	0.326	7.83	
Toluene	1.97	0.050	mg/kg	2.00		98.6	75.5-127	0.259	7.02	
Total Xylenes	6.13	0.150	mg/kg	6.00		102	70.9-124	0.0518	7.78	

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*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

### Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 8011102 - General Prep - Organics

##### Blank (8011102-BLK1)

Prepared & Analyzed: 01/11/18

Surrogate: 1-Chlorooctadecane	43.7		mg/kg	50.0		87.4	37.6-147			
Surrogate: 1-Chlorooctane	41.4		mg/kg	50.0		82.9	41-142			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							

##### LCS (8011102-BS1)

Prepared & Analyzed: 01/11/18

Surrogate: 1-Chlorooctadecane	48.7		mg/kg	50.0		97.5	37.6-147			
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	41-142			
DRO >C10-C28	215	10.0	mg/kg	200		107	72.9-138			
GRO C6-C10	220	10.0	mg/kg	200		110	76.5-133			
Total TPH C6-C28	435	10.0	mg/kg	400		109	78-132			

##### LCS Dup (8011102-BS1)

Prepared & Analyzed: 01/11/18

Surrogate: 1-Chlorooctadecane	48.1		mg/kg	50.0		96.2	37.6-147			
Surrogate: 1-Chlorooctane	50.1		mg/kg	50.0		100	41-142			
DRO >C10-C28	206	10.0	mg/kg	200		103	72.9-138	4.43	20.6	
GRO C6-C10	219	10.0	mg/kg	200		110	76.5-133	0.369	20.6	
Total TPH C6-C28	425	10.0	mg/kg	400		106	78-132	2.35	18	

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*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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Project: BTEX/TPH, CI  
Project Name / Number: Martin Whittaker 55  
Project Manager: Kyle Siesser

Reported:  
01/18/18 16:48

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
\*Results reported on as received basis unless designated as dry.  
RPD Relative Percent Difference  
LCS Laboratory Control Sample (Blank Spike)  
RL Report Limit  
MDL Method Detection Limit

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A handwritten signature in black ink that reads 'Debbie Zufelt'.

Debbie Zufelt, Reports Manager

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