

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 DJR Operating, LLC	OGRID: 371838
Contact Name Amy Archuleta	Contact Telephone 505-632-3476
Contact email aarchuleta@djrlc.com	Incident # <i>(assigned by OCD)</i>
Contact mailing address: 1 Road 3263 Aztec, NM 87410	NC 19052 53.504

Location of Release Source

Latitude: **36.299858**

Longitude: **-107.515455**
(NAD 83 in decimal degrees to 5 decimal places)

NMOC

FEB 18 2019

DISTRICT III

Site Name: Rincon 19 #003	Site Type Well Location
Date Release Discovered: 2-5-2019	API# 30-039-24921

Unit Letter	Section	Township	Range	County
E	19	24N	06W	Rio Arriba

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) Unknown	Volume Recovered (bbls) 1 yrd of soil
	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: There was a suspected release under the BGT at this location. The BGT was uneven and had holes in one side of it. DJR Removed the BGT and excavated the possibly contaminated area. The BGT will be closed.

32

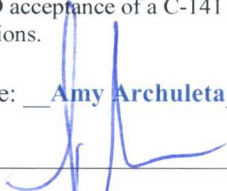

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If 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 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: <u>Amy Archuleta</u>	Title: <u>Regulatory</u>
Signature: 	Date: <u>2-15-2018</u>
email: <u>aarchuleta@djrlc.com</u>	Telephone: <u>505-632-3476</u>
OCD Only Received by: 	
Date: <u>2/18/19</u>	

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?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" 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.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-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

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	
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Printed Name: Amy Archuleta Title: Regulatory

Signature:  Date: 2-5-2019

email: aarchuleta@djrlc.com Telephone: 505-632-3476

OCD Only

Received by: _____ Date: _____

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: Amy Archuleta Title: Regulatory

Signature:  Date: 2/15/19

email: aarchuleta@djrlc.com Telephone: 505-632-3476

OCD Only

Received by: OCD Date: 2/27/19

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:  Date: 2/27/19

Printed Name: Cory Title: Environmental Spec.

Summary of Release:

Release occurred under a below grade tank and was discovered 2/5/2019. The galvanized tank was rusted, and water was seeping from the seams.

On **2-7-19** the galvanized tank was removed and approximately 1 yard of soil was excavated and taken to Envirotech's Landfarm at Hilltop.

The soil was sampled on **2/8/2019**. Please see attached lab results.

Rincon 19 3

30-039-24921

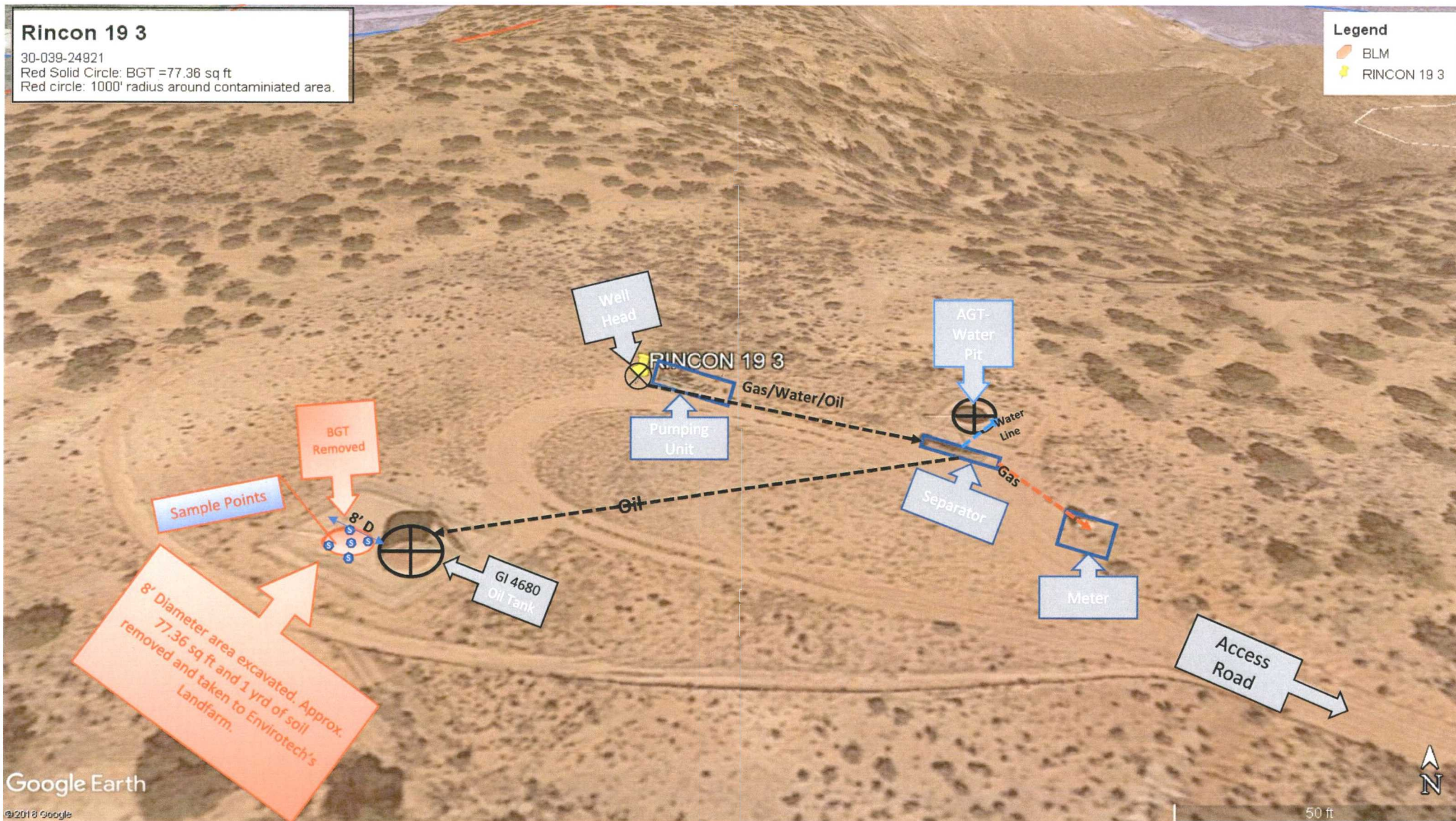
Red Solid Circle: BGT = 77.36 sq ft

Red circle: 1000' radius around contaminated area.

Legend

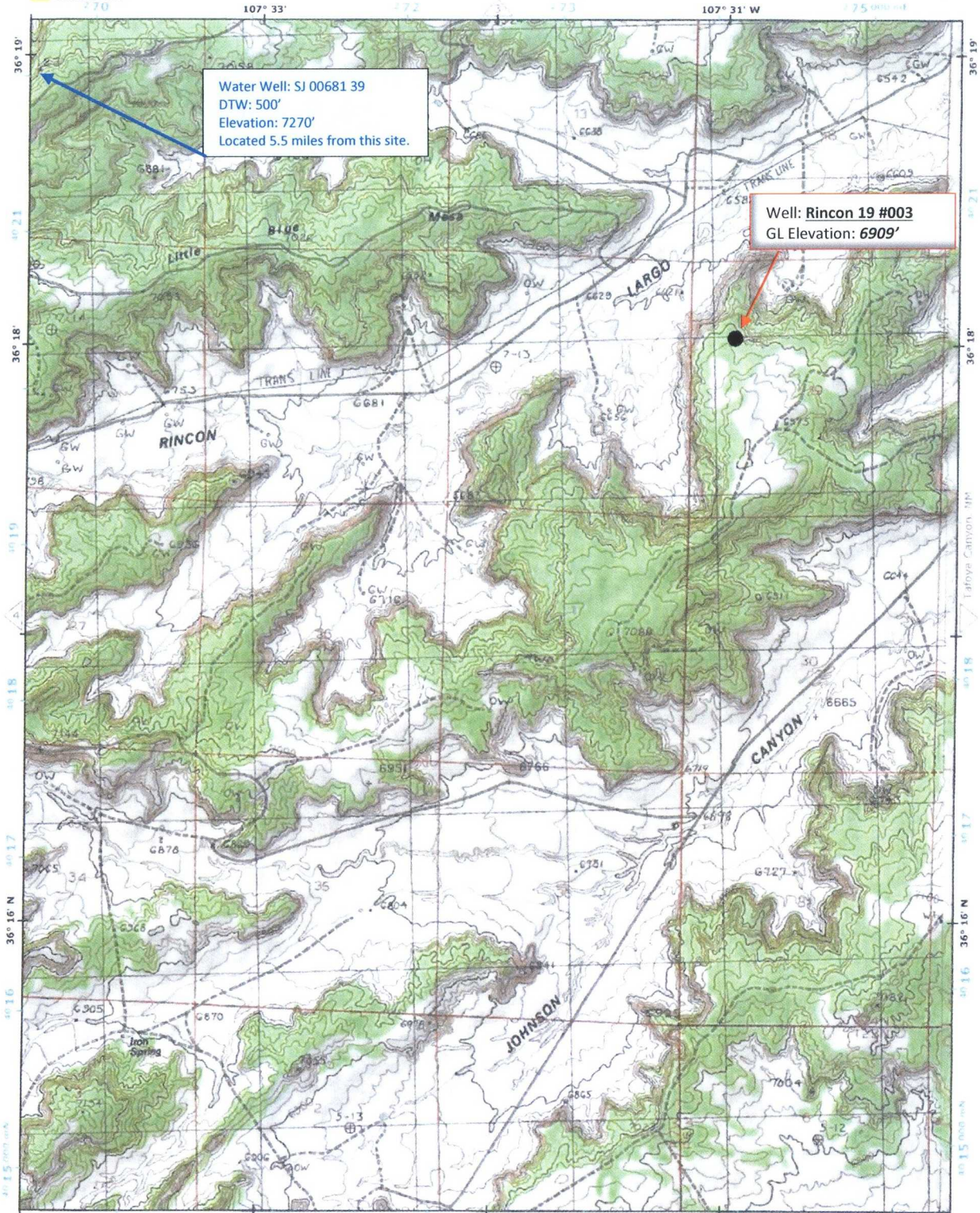
BLM

RINCON 19 3



Rinncon 19-3
30-039-24921
75 sq ft area

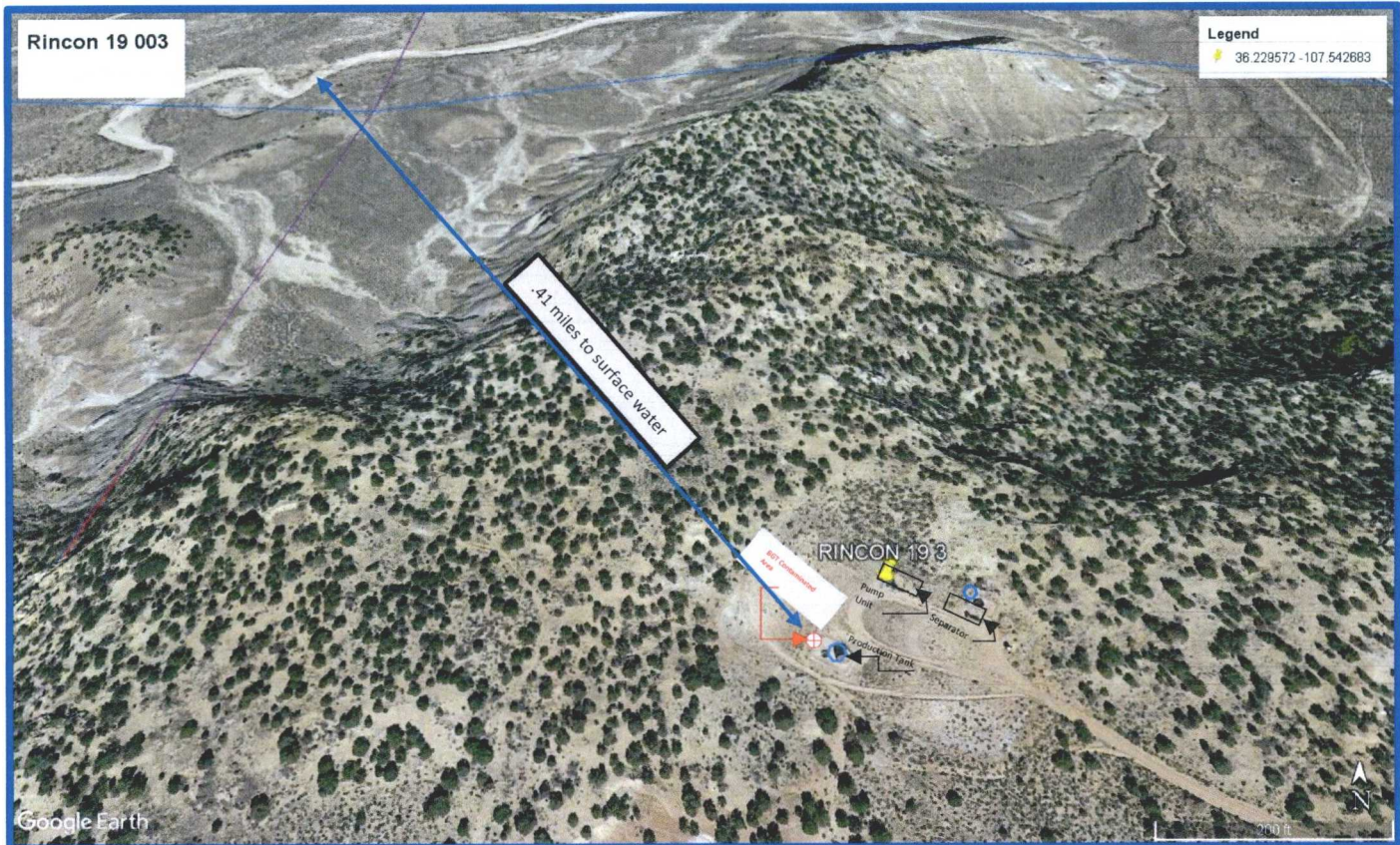




Well Name: Rincon 19 #003

API: 30-039-24921

Lat: 36.299858 Long: -107.515455



Depth to Ground Water Determination

Site Hydrology	C 144 submitted in 2009 assessed ground water at 200'
Water Wells	SJ 00681 39 located 5.5 miles NW, shows ground water at 500' from a 7270' elevation. SJ 01156 shows ground water at 200' from 6900'. Putting this DTW greater than 100' .

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number		Code	Sub-basin	County	Q Q Q	Sec	Tw	Rng	X	Y	DepthWell	DepthWater	Water Column
<u>SJ 01156</u>			SJ	RA	2 2 1	18	23N	06W	274330	4012555*	1500	200	1300

Average Depth to Water: **200 feet**

Minimum Depth: **200 feet**

Maximum Depth: **200 feet**

Record Count: 1

PLSS Search:

Section(s): 18

Township: 23N

Range: 06W

*UTM location was derived from PLSS - see Help

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.

2/5/19 5:28 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
SJ 00681 37		SJ	RA	2	1	1	15	24N	07W	269408	4022501*	190		
SJ 00681 39		SJ	RA	4	2	2	18	24N	07W	265824	4022392*	1825	500	1325
SJ 01131		SJ	RA		1	4	19	24N	07W	265313	4020131*	1700	400	1300
SJ 01335		SJ	RA			1	31	24N	07W	264672	4017581*	185		

Average Depth to Water: **450 feet**

Minimum Depth: **400 feet**

Maximum Depth: **500 feet**

Record Count: 4

PLSS Search:

Township: 24N **Range:** 07W

*UTM location was derived from PLSS - see Help

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.

2/5/19 4:31 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer
Wells with Well Log Information

No wells found.

PLSS Search:

Section(s): 19 Township: 24N Range: 06W

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.

2/11/19 10:04 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer
Active & Inactive Points of Diversion
(with Ownership Information)

No PODs found.

POD Search:

POD Basin: San Juan

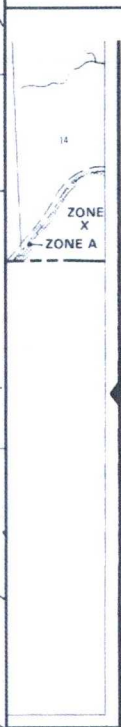
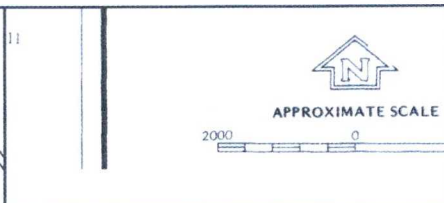
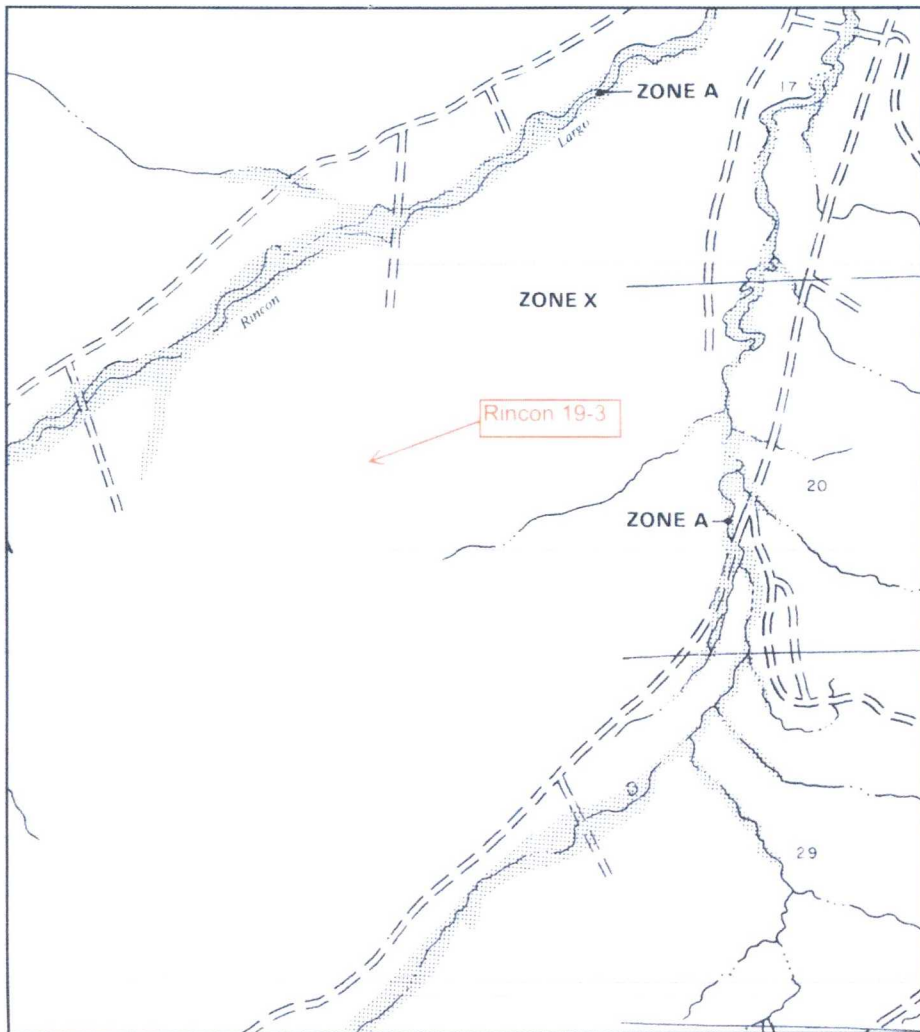
PLSS Search:

Section(s): 19 **Township:** 24N **Range:** 06W

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

2/11/19 10:06 AM

ACTIVE & INACTIVE POINTS OF DIVERSION



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

RIO ARriba COUNTY,
NEW MEXICO
UNINCORPORATED AREAS

PANEL 900 OF 1325
(SEE MAP INDEX FOR PANELS NOT PRINTED)

PANEL LOCATION

COMMUNITY-PANEL NUMBER
350049 0900 B

EFFECTIVE DATE:
JANUARY 5, 1989

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Analytical Report

Report Summary

Client: DJR Operating, LLC
Chain Of Custody Number:
Samples Received: 2/11/2019 8:00:00AM
Job Number: 17035-0028
Work Order: P902016
Project Name/Location: Rincon 19-3 BGT

Report Reviewed By:



Date: 2/13/19

Walter Hinchman, Laboratory Director



Date: 2/13/19

Tim Cain, Project Manager



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, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Rincon 19-3 BGT
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 02/13/19 13:16

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Rincon 19-3 BGT	P902016-01A	Soil	02/08/19	02/11/19	Glass Jar, 4 oz.
	P902016-01B	Soil	02/08/19	02/11/19	Glass Jar, 4 oz.

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DJR Operating, LLC 1 Rd 3263 Aztec NM, 87410	Project Name: Rincon 19-3 BGT Project Number: 17035-0028 Project Manager: Amy Archuleta	Reported: 02/13/19 13:16
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**Rincon 19-3 BGT
P902016-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Total Xylenes	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1907002	02/11/19	02/11/19	EPA 8021B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1907002	02/11/19	02/11/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %		50-150	1907002	02/11/19	02/11/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		88.9 %		50-200	1907006	02/11/19	02/12/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1907015	02/12/19	02/12/19	EPA 300.0/9056A	
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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Rincon 19-3 BGT
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
02/13/19 13:16

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1907002 - Purge and Trap EPA 5030A

Blank (1907002-BLK1)

Prepared: 02/11/19 0 Analyzed: 02/11/19 1

Benzene	ND	25.0	ug/kg							
Toluene	ND	25.0	"							
Ethylbenzene	ND	25.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	25.0	"							
Total Xylenes	ND	25.0	"							
Surrogate: 4-Bromochlorobenzene-PID	7980		"	8000		99.8	50-150			

LCS (1907002-BS1)

Prepared: 02/11/19 0 Analyzed: 02/11/19 1

Benzene	5070	25.0	ug/kg	5000		101	70-130			
Toluene	5180	25.0	"	5000		104	70-130			
Ethylbenzene	5520	25.0	"	5000		110	70-130			
p,m-Xylene	11500	50.0	"	10000		115	70-130			
o-Xylene	5270	25.0	"	5000		105	70-130			
Total Xylenes	16700	25.0	"				70-130			
Surrogate: 4-Bromochlorobenzene-PID	8060		"	8000		101	50-150			

Matrix Spike (1907002-MS1)

Source: P902014-01

Prepared: 02/11/19 0 Analyzed: 02/11/19 2

Benzene	5190	25.0	ug/kg	5000	ND	104	54.3-133			
Toluene	5310	25.0	"	5000	ND	106	61.4-130			
Ethylbenzene	5660	25.0	"	5000	ND	113	61.4-133			
p,m-Xylene	11800	50.0	"	10000	ND	118	63.3-131			
o-Xylene	5410	25.0	"	5000	ND	108	63.3-131			
Total Xylenes	17200	25.0	"		ND		63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8110		"	8000		101	50-150			

Matrix Spike Dup (1907002-MSD1)

Source: P902014-01

Prepared: 02/11/19 0 Analyzed: 02/11/19 2

Benzene	5290	25.0	ug/kg	5000	ND	106	54.3-133	1.98	20	
Toluene	5410	25.0	"	5000	ND	108	61.4-130	1.86	20	
Ethylbenzene	5770	25.0	"	5000	ND	115	61.4-133	1.84	20	
p,m-Xylene	12000	50.0	"	10000	ND	120	63.3-131	1.75	20	
o-Xylene	5510	25.0	"	5000	ND	110	63.3-131	1.80	20	
Total Xylenes	17500	25.0	"		ND		63.3-131	1.76	20	
Surrogate: 4-Bromochlorobenzene-PID	8070		"	8000		101	50-150			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Rincon 19-3 BGT
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
02/13/19 13:16

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1907002 - Purge and Trap EPA 5030A

Blank (1907002-BLK1)

Prepared: 02/11/19 0 Analyzed: 02/11/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		"	8.00		91.5	50-150			

LCS (1907002-BS2)

Prepared: 02/11/19 0 Analyzed: 02/11/19 1

Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		"	8.00		93.5	50-150			

Matrix Spike (1907002-MS2)

Source: P902014-01

Prepared: 02/11/19 0 Analyzed: 02/11/19 2

Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		"	8.00		93.3	50-150			

Matrix Spike Dup (1907002-MSD2)

Source: P902014-01

Prepared: 02/11/19 0 Analyzed: 02/11/19 2

Gasoline Range Organics (C6-C10)	57.8	20.0	mg/kg	50.0	ND	116	70-130	0.0951	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		"	8.00		93.3	50-150			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Rincon 19-3 BGT
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
02/13/19 13:16

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1907006 - DRO Extraction EPA 3570

Blank (1907006-BLK1)

Prepared & Analyzed: 02/11/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	49.4		"	50.0		98.8	50-200			

LCS (1907006-BS1)

Prepared & Analyzed: 02/11/19 1

Diesel Range Organics (C10-C28)	439	25.0	mg/kg	500		87.7	38-132			
Surrogate: n-Nonane	47.4		"	50.0		94.9	50-200			

Matrix Spike (1907006-MS1)

Source: P902009-01

Prepared & Analyzed: 02/11/19 1

Diesel Range Organics (C10-C28)	425	25.0	mg/kg	500	ND	84.9	38-132			
Surrogate: n-Nonane	44.5		"	50.0		89.0	50-200			

Matrix Spike Dup (1907006-MSD1)

Source: P902009-01

Prepared & Analyzed: 02/11/19 1

Diesel Range Organics (C10-C28)	436	25.0	mg/kg	500	ND	87.1	38-132	2.51	20	
Surrogate: n-Nonane	46.2		"	50.0		92.5	50-200			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Rincon 19-3 BGT
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
02/13/19 13:16

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1907015 - Anion Extraction EPA 300.0/9056A

Blank (1907015-BLK1)

Prepared & Analyzed: 02/12/19 1

Chloride	ND	20.0	mg/kg
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LCS (1907015-BS1)

Prepared & Analyzed: 02/12/19 1

Chloride	252	20.0	mg/kg	250	101	90-110
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Matrix Spike (1907015-MS1)

Source: P902022-01

Prepared & Analyzed: 02/12/19 1

Chloride	562	20.0	mg/kg	250	303	104	80-120
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Matrix Spike Dup (1907015-MSD1)

Source: P902022-01

Prepared & Analyzed: 02/12/19 1

Chloride	536	20.0	mg/kg	250	303	93.4	80-120	4.68	20
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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Rincon 19-3 BGT
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
02/13/19 13:16

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
RPD Relative Percent Difference
** Methods marked with ** are non-accredited methods.

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