

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	NCS1932350444
District RP	
Facility ID	
Application ID	

Release Notification

DENIED

Responsible Party

Responsible Party	DJR Operating, LLC	OGRID	371838
Contact Name	Dave Brown	Contact Telephone	1- 505-632-3476
Contact email	dbrown@djrlc.com	Incident # (assigned by OCD)	NCS1932350444
Contact mailing address	1 Road 3263, Aztec, NM 87410		

Location of Release Source

Latitude 36.43056

Longitude -107.98812

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Buena Suerte System	Site Type	Pipeline
Date Release Discovered	07/25/19	API# (if applicable)	N/A

Unit Letter	Section	Township	Range	County
G	3	25N	11W	San Juan

Large Text on Page 3

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)
ULSTR/Lat/Long do not match report location, ariel images.
 - Figure 2 does not meeting the requirements of a detail site map, no excation size, no sampling location, etc.
 - Please include the sampling notice to show compliance with 19.15.29 NMAC
 - Review and resubmit no later than June 30, 2020

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

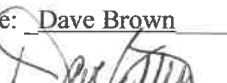
<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 150	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: External corrosion. This was a dry gas leak comprised of coalbed methane production. No produced water or liquid hydrocarbon were released.

Incident ID	
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

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 type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	N/A dry gas leak; no liquids released
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>Dave Brown</u>	Title: <u>Manager of Government and Regulatory Affairs</u>
Signature: 	Date: <u>11/05/2019</u>
email: <u>dbrown@djrlc.com</u>	Telephone: <u>1-505-632-3476</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Form C-141

State of New Mexico

Page 6

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: Dave Brown Title: Manager of Government and Regulatory Affairs

Signature:  Date: 1-23-2020

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

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: **DENIED** Date: 3/30/2020

Printed Name: CS Title: _____

- ULSTR/Lat/Long do not match report location, ariel images.
- Figure 2 does not meeting the requirements of a detail site map, no excation size, no sampling location, etc.
- Please include the sampling notice to show compliance with 19.15.29 NMAC
- Review and resubmit no later than June 30, 2020



January 20, 2020

Project #17035-0107

Mr. Dave Brown
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410

Phone: (505) 632-3476
E-mail: dbrown@djrlc.com

RE: Release Closure Report for the Buena Suerte Pipeline Located in Section 32, Township 25N, Range 11W, San Juan County, New Mexico

Dear Mr. Brown:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide confirmation sampling activities for the closure of a release at the Buena Suerte Pipeline (site) located within Section 32, Township 25 North, Range 11 West, San Juan County, New Mexico; see **Figure 1, Vicinity Map**.

Prior to Envirotech's arrival, DJR contractor had excavated the area around the damaged to complete repair activities. The pipeline was repaired, and the surrounding soil was inspected for evidence of any liquids. Upon inspection, no evidence of released liquid was found, and the excavation was backfilled. On November 27, 2019 Envirotech personnel collected two (2) five-point composite confirmation soil samples from the east and west side of the release utilizing a hand auger. The auger was advanced into the subsurface until a total depth of five (5) feet below ground surface (bgs). A sample aliquot was collected at one-foot intervals.

CONFIRMATION LABORATORY ANALYSIS

The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to the Envirotech Analytical Laboratory. The soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes using United States Environmental Protection Agency (EPA) Method 8021B, total petroleum hydrocarbons as diesel range organics, oil range organics, and gasoline range organics (DRO/ORO/GRO) using EPA Method 8015D, and for chloride using EPA Method 300.0. The results were compared to the release closure criteria provided in *19.15.29.12 (E) NMAC*. Based on the enclosed **Siting Criteria Documentation**, the following NMOC release closure criteria from *Table 1: Closure Criteria for Soils Impacted by a Release* were applied:

Depth to Groundwater	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA Method 8015D	2,500 mg/kg
	Gasoline + Diesel Range Organics (GRO+DRO)	EPA Method 8015D	1,000 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg



DJR Operating, LLC
Buena Suerte Pipeline Release
Project #17035-0107
November 2019
Page 2

Soil sample locations are illustrated in **Figure 2, Site Map** and in the attached **Site Photography**.

SUMMARY AND CONCLUSIONS

On November 27, 2019, Envirotech personnel completed confirmation sampling of a release at the Buena Suerte Pipeline, San Juan County, New Mexico. The soil samples collected for laboratory analysis returned results below the laboratory detection limits for BTEX and TPH. Chloride was detected in both samples analyzed and returned results of 24 mg/kg at East Soil Bore Composite and 21.6 mg/kg at West Soil Bore Composite. Analytical results are summarized in the attached **Laboratory Analytical Report** and **Table 1, Summary of Soil Analytical Results**.

Based on the final laboratory analytical results, TPH, BTEX, benzene, and chloride were below the applicable NMOCD Closure Criteria for releases. Envirotech recommends **No Further Action** regarding the subject site.

STATEMENT OF LIMITATIONS

The work and services provided by DJR were in accordance with NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

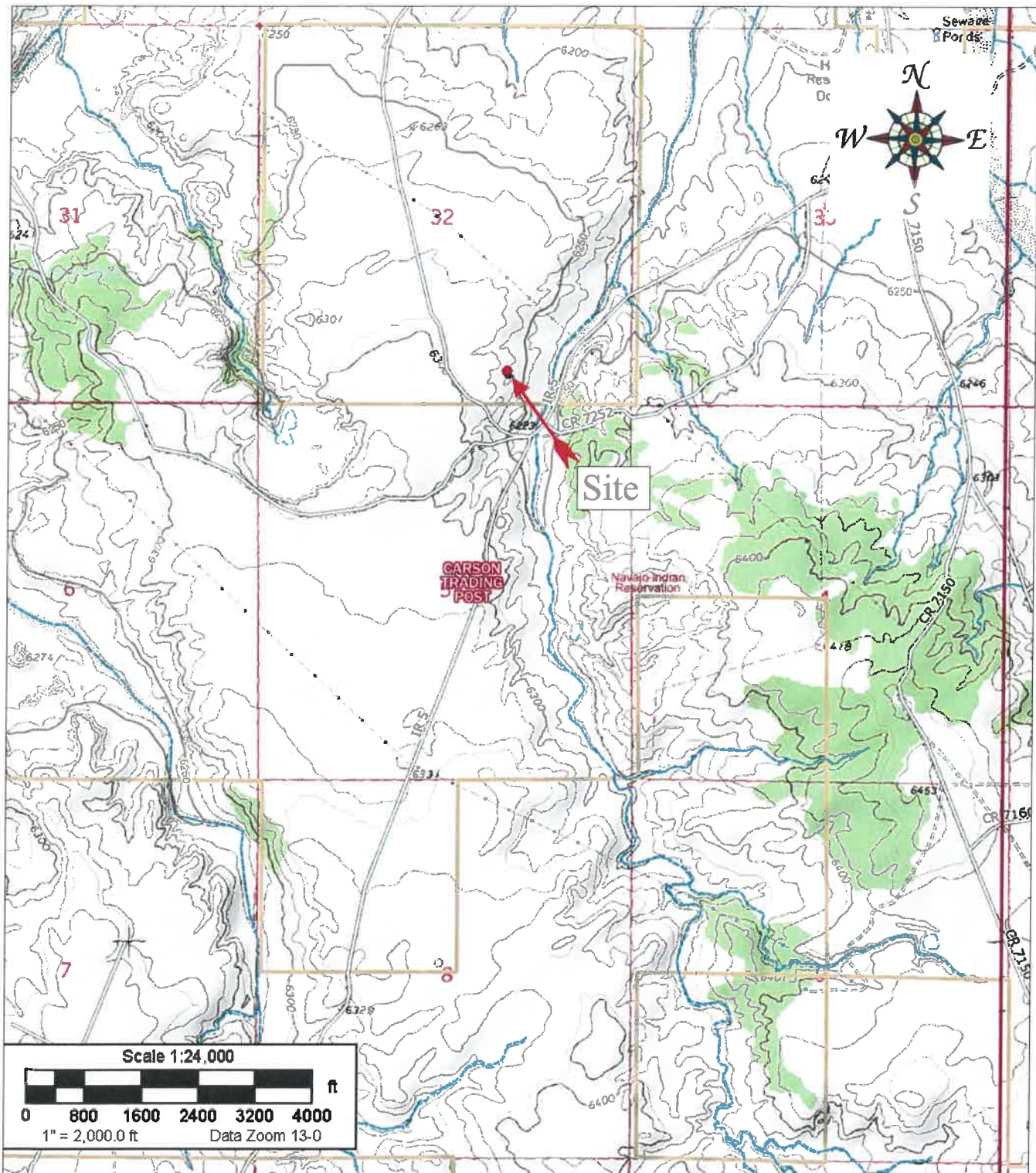
Reviewed by:

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Felipe Aragon, CHMM, CES
Environmental Assistant Manager
faragon@envirotech-inc.com

Enclosures: Figure 1, *Vicinity Map*
Figure 2, *Site Map*
Site Photography
Table 1, *Summary of Soil Analytical Results*
Laboratory Analytical Report

Cc: Client File 17035



Source: 7.5 Minute, Carson Trading Post, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2,000

DJR Operating
 Buena Suerte Pipeline
 Section 32, Township 26N, Range 11W
 San Juan County, New Mexico
 36.438545, -108.024499



5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

Vicinity Map

Figure #1

Project Number: 17035-0107

Date Drawn: 1/17/2020

DRAWN BY:
 Brittany Hall

PROJECT MANAGER:
 Felipe Aragon



Legend

● - Release location

--- Pipeline



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

MAP DRAWN BY:

BAH
1/20/2020

REVISIONS BY:

NAME
DATE

APPROVED BY:

FRA
1/20/2020

Figure 2, Site Map

DJR Operating, LLC.
Buena Suerte Pipeline
Release Closure Report
Section 32, Township 25N, Range 11W
36.438545, -108.024499
San Juan County, New Mexico
Project #17035-0107

**SITE PHOTOGRAPHY
DJR OPERATING, LLC.
BUENA SUERTE PIPELINE RELEASE CLOSURE REPORT
SECTION 32, TOWNSHIP 25N, RANGE 11W
SAN JUAN COUNTY, NEW MEXICO
PROJECT #17035-0107
NOVEMBER 2019**



Picture 1: View of Damaged Pipeline (View 1)



Picture 2: View of Excavation (View 1)

**SITE PHOTOGRAPHY
DJR OPERATING, LLC.
BUENA SUERTE PIPELINE RELEASE CLOSURE REPORT
SECTION 32, TOWNSHIP 25N, RANGE 11W
SAN JUAN COUNTY, NEW MEXICO
PROJECT #17035-0107
NOVEMBER 2019**



Picture 3: View of Excavation (View 2)



Picture 4: View of Backfill of Pipeline Repair Excavation

Table 1, Summary of Soil Analytical Results
 DJR Operating, LLC.
 Buena Suerte Pipeline Release Closure Report
 Section 32, Township 25N, Range 11W
 San Juan County, New Mexico
 Project Number: 17035-0107

Sample Description *	Date	USEPA Method 8015			USEPA Method 8021		USEPA Method 300.0
		GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	
NMOCD Closure Criteria for Soils Impacted by a Release / Table 1 -		1,000 mg/Kg			10 mg/Kg	50 mg/Kg	20,000 mg/Kg
			2,500 mg/Kg				
East Soil Bore Composite	11/27/2019	<20.0	<25.0	<50.0	<0.025	<0.1	24
West Soil Bore Composite	11/27/2019	<20.0	<25.0	<50.0	<0.025	<0.1	21.6

*5-point composite soil samples



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 11/27/2019

Job Number: 17035-0107

Work Order: P911128

Project Name/Location: Buena Suerte Pipeline

Report Reviewed By:

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

Date: 12/6/19

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.



DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
East Soil Bore Composite	P911128-01A	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
	P911128-01B	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
West Soil Bore Composite	P911128-02A	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.
	P911128-02B	Soil	11/27/19	11/27/19	Glass Jar, 4 oz.

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

**East Soil Bore Composite
P911128-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		103 %		50-150	1949022	12/04/19	12/04/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		99.0 %		50-200	1949008	12/02/19	12/02/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %		50-150	1949022	12/04/19	12/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	24.0	20.0	mg/kg	1	1949010	12/02/19	12/02/19	EPA 300.0/9056A	

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

**West Soil Bore Composite
P911128-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	1949022	12/04/19	12/04/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1949008	12/02/19	12/02/19	EPA 8015D	
Surrogate: n-Nonane		95.0 %		50-200	1949008	12/02/19	12/02/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949022	12/04/19	12/04/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %		50-150	1949022	12/04/19	12/04/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	21.6	20.0	mg/kg	1	1949010	12/02/19	12/02/19	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Buena Suerte Pipeline	Reported: 12/06/19 11:35
1 Rd 3263	Project Number:	17035-0107	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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 1949022 - Purge and Trap EPA 5030A

Blank (1949022-BLK1)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 8.39 " 8.00 105 50-150

LCS (1949022-BS1)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.44	0.0250	mg/kg	5.00		88.9	70-130			
Toluene	4.42	0.0250	"	5.00		88.5	70-130			
Ethylbenzene	4.39	0.0250	"	5.00		87.8	70-130			
p,m-Xylene	8.77	0.0500	"	10.0		87.7	70-130			
o-Xylene	4.41	0.0250	"	5.00		88.2	70-130			
Total Xylenes	13.2	0.0250	"	15.0		87.9	70-130			

Surrogate: 4-Bromochlorobenzene-PID 8.48 " 8.00 106 50-150

Matrix Spike (1949022-MS1)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.37	0.0250	mg/kg	5.00	ND	87.4	54.3-133			
Toluene	4.34	0.0250	"	5.00	ND	86.7	61.4-130			
Ethylbenzene	4.30	0.0250	"	5.00	ND	86.0	61.4-133			
p,m-Xylene	8.58	0.0500	"	10.0	ND	85.8	63.3-131			
o-Xylene	4.32	0.0250	"	5.00	ND	86.3	63.3-131			
Total Xylenes	12.9	0.0250	"	15.0	ND	86.0	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 8.51 " 8.00 106 50-150

Matrix Spike Dup (1949022-MSD1)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Benzene	4.59	0.0250	mg/kg	5.00	ND	91.7	54.3-133	4.86	20	
Toluene	4.56	0.0250	"	5.00	ND	91.2	61.4-130	4.98	20	
Ethylbenzene	4.52	0.0250	"	5.00	ND	90.4	61.4-133	5.03	20	
p,m-Xylene	9.02	0.0500	"	10.0	ND	90.2	63.3-131	4.96	20	
o-Xylene	4.54	0.0250	"	5.00	ND	90.8	63.3-131	5.09	20	
Total Xylenes	13.6	0.0250	"	15.0	ND	90.4	63.3-131	5.00	20	

Surrogate: 4-Bromochlorobenzene-PID 8.51 " 8.00 106 50-150

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

Nonhalogenated Organics by 8015 - DRO/ORO - 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 1949008 - DRO Extraction EPA 3570

Blank (1949008-BLK1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	49.8		"	50.0		99.7	50-200			

LCS (1949008-BS1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	484	25.0	mg/kg	500		96.8	38-132			
Surrogate: n-Nonane	49.6		"	50.0		99.1	50-200			

Matrix Spike (1949008-MS1)

Source: P911128-01

Prepared: 12/02/19 0 Analyzed: 12/02/19 2

Diesel Range Organics (C10-C28)	502	25.0	mg/kg	500	ND	100	38-132			
Surrogate: n-Nonane	50.6		"	50.0		101	50-200			

Matrix Spike Dup (1949008-MSD1)

Source: P911128-01

Prepared: 12/02/19 0 Analyzed: 12/02/19 2

Diesel Range Organics (C10-C28)	487	25.0	mg/kg	500	ND	97.3	38-132	3.09	20	
Surrogate: n-Nonane	49.6		"	50.0		99.2	50-200			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

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

Batch 1949022 - Purge and Trap EPA 5030A

Blank (1949022-BLK1)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		"	8.00		99.9	50-150			

LCS (1949022-BS2)

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	51.9	20.0	mg/kg	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		"	8.00		99.5	50-150			

Matrix Spike (1949022-MS2)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	49.5	20.0	mg/kg	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		"	8.00		99.7	50-150			

Matrix Spike Dup (1949022-MSD2)

Source: P911128-01

Prepared: 12/04/19 1 Analyzed: 12/05/19 0

Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.4	70-130	0.513	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		"	8.00		98.9	50-150			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buena Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1949010 - Anion Extraction EPA 300.0/9056A

Blank (1949010-BLK1)

Prepared & Analyzed: 12/02/19 1

Chloride	ND	20.0	mg/kg
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LCS (1949010-BS1)

Prepared & Analyzed: 12/02/19 1

Chloride	253	20.0	mg/kg	250	101	90-110
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Matrix Spike (1949010-MS1)

Source: P912001-01

Prepared & Analyzed: 12/02/19 1

Chloride	258	20.0	mg/kg	250	ND	103	80-120
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Matrix Spike Dup (1949010-MSD1)

Source: P912001-01

Prepared & Analyzed: 12/02/19 1

Chloride	256	20.0	mg/kg	250	ND	102	80-120	1.16	20
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QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Buerna Suerte Pipeline
Project Number: 17035-0107
Project Manager: Felipe Aragon

Reported:
12/06/19 11:35

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.

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envirotech
Analytical Laboratory

5796 US Highway 64, Farmington, MN 57401
Three Springs - 65 Mercado Street, Suite 115, Tijuana, C.R. 1101

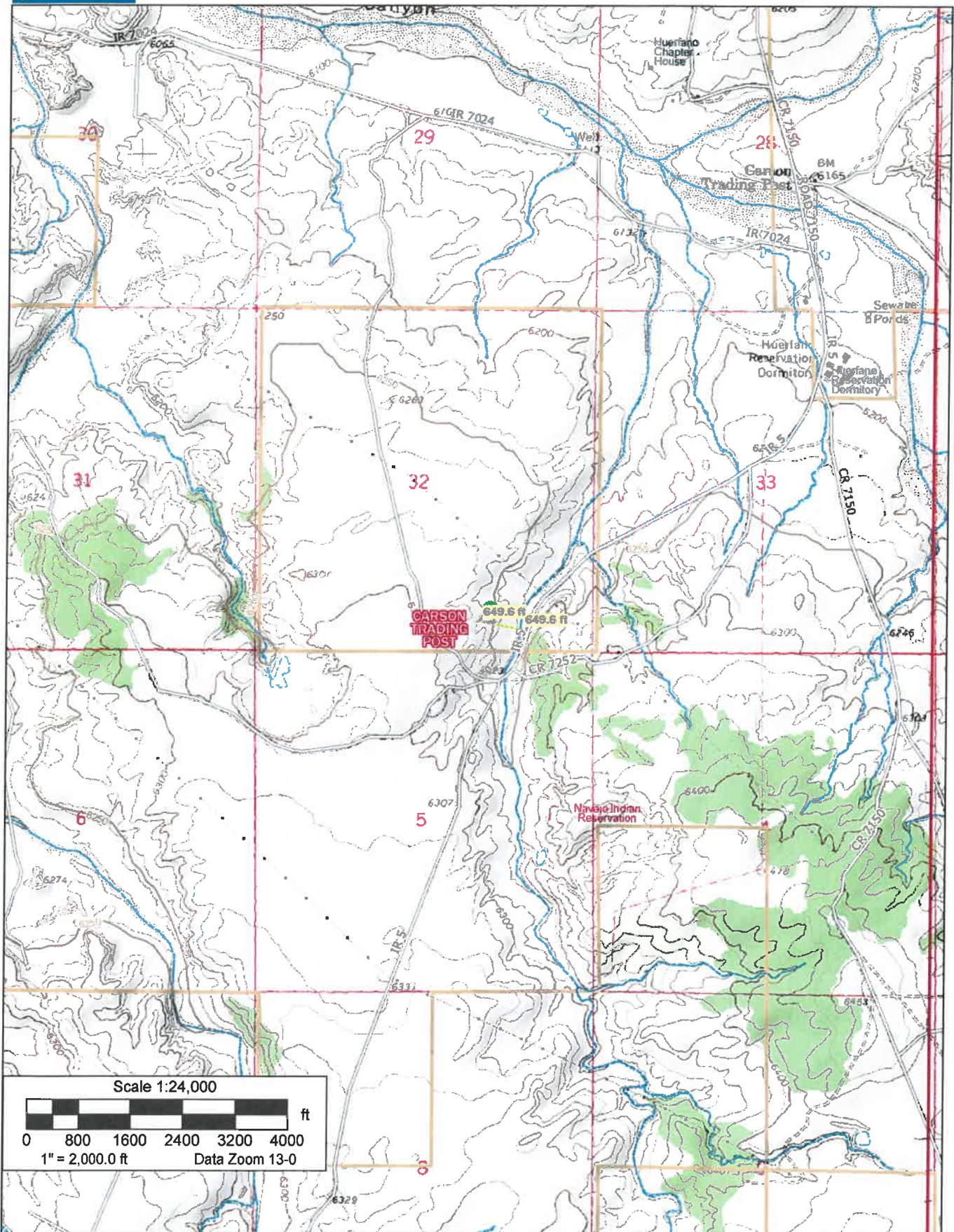
Ph: 1 505 622 0615 Fx: 1 505 632 1865
Ph: 1 901 259 0615 Fx: 1 800 362 1879

envirotech-lab.com
laboratoryenvirotech-in.com

Site Name: Buena Suerte Pipeline				
API #:				
Lat/Long: 36.438545, -108.024499				
TRS: Section 32 T25N R11W				
Land Jurisdiction: State				
County: San Juan				
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
None				
Distance to Nearest Significant Watercourse				
786.3 ft northeast of tributary of La Norias Canyon				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential	44 ft higher than a tributary of Gallegos Canyon			
Water Wells	SJ 01626 DTW=200 ft., SJ 02734 DTW=165 ft.			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse				No
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area				No
Within a 100-year floodplain				No
DTW Determination	≤50 <input type="checkbox"/>	50-100	>100	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Topo North America™ 10



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

(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	POD	Q Q Q				X	Y	Depth	Water Column	Water		
		County		64	18	4	Sec	Tws	Rng					
SJ01626	SJ	SJ		3	4	16	26N	11W	230807	4041673	256	200	55	
SJ02734	SJ	SJ		2	3	4	35	26N	11W	230750	4036858	275	185	110
										Average Depth to Water:			182 feet	
										Minimum Depth:			165 feet	
										Maximum Depth:			200 feet	

Record Count: 2

PL88 Search:

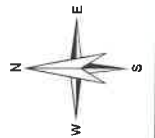
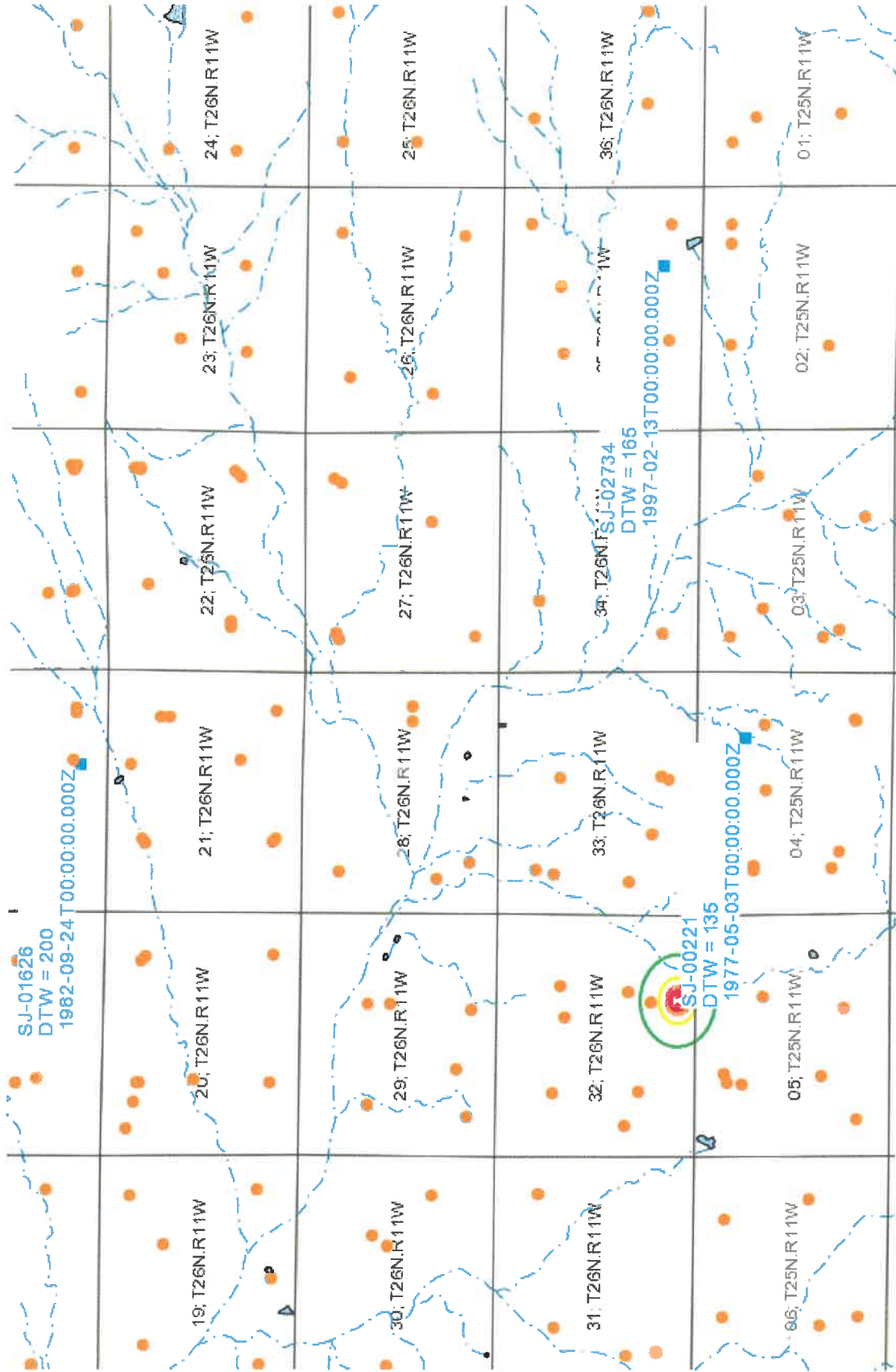
Township: 26N **Range:** 11W

*UTM location was derived from PLSS - see Map

The data is furnished by the NIMSE/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.

11/13/20 4:01 PM

WATER COLUMN, AVERAGE DEPTH TO WATER



0 2000 4000ft

Petroleum Recovery
Research Center

PRRC Map

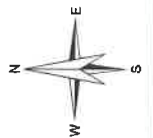
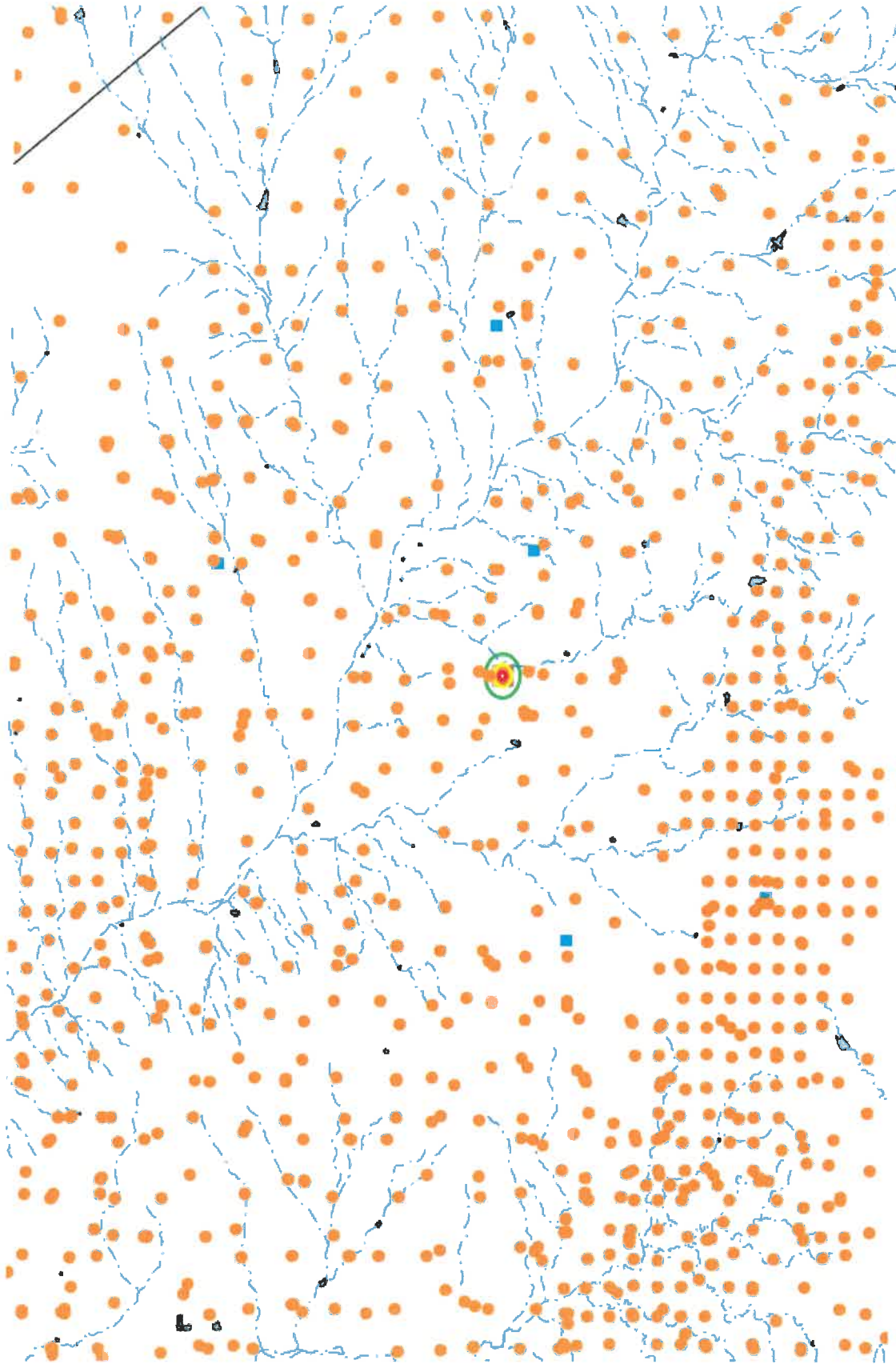
Figure: 17035-
0107

DJR

Duane Guenther

Jan 13, 2020

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0 1 2mi

Petroleum Recovery
Research Center

PRRC Map

Figure: 17035-
0407

DJR

~~Duane Guente~~

Jan 13, 2020