



Remuda Basin Fed #2 SWD

REMEDIATION WORK PLAN

API No. 30-015-28901

Release Date: June 13th. 2015

Unit Letter B, Section 19, Township 23 South, Range 30 East

July 14, 2015

Prepared by:

Environmental Department
Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
Phone: (575)964-8394
Fax: (575)393-8396

Mike Bratcher
Environmental Specialist
NM Oil Conservation District-Division 2
811 S. First St.
Artesia, NM 88210

RE: XTO, Remuda Basin 19 Fed #2 SWD – Remediation Work Plan
UL/B, Section 19, T19S, R34E
API No. 30-015-28901

Mr. Bratcher,

XTO has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located east of Loving, NM, in Eddy County. The leak site resulted from a hole, which developed in the injection line approximately 900' southwest of the well location. The impacted area is approximately 900' southwest of the well location in the pasture and ran west for approximately 300 yards. Approximately 160 bbls of produced water was released, and 0 bbls recovered. A C-141 was submitted to the NMOCD on July 14, 2015. The C-141 is attached.

Site Assessment and Delineation

On June 25, 2015 DFSI personnel delineated 8 sample points of the leak area. On June 26, 2015 DFSI personnel used an auger drill to fully delineate the spill site in three bore-hole areas. Each sample was tested for chloride levels as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). The results and sample point locations are attached.

DFSI has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 83 + foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

Conclusion

After careful review DFSI on behalf of XTO would like to propose the following:

Remove 3' to 4' bgs of the contaminated soil in the pasture. Lab samples can be obtained when the site is excavated. Haul all contaminated material to an approved NM state disposal. We will backfill with clean native soil around the injection line and use surrounding terrain the backfill the rest. We will re-seed using a BLM approved seed mix.

Following the approval of the above plan, DFSI will submit all proper closure documentation to the NMOCD and BLM in accordance to the State and Federal Guidelines set forth.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,



Michael Burton
Environmental Operations Director
Diversified Field Service, Inc.
206 West Snyder
Hobbs, NM 88240
Office: (575)964-8394
Mobile: (575)390-5454
Fax: (575)964-8396
Email: Mburton@diversifiedfsi.com

cc Jim Amos

Attachments: Initial Form C-141
Site/Sample Map
Sample Data
Photo Page

Site Diagram

**XTO, Remuda Basin 19 Fed #2 SWD
UL/B, Sec. 19 T23S R30E
Eddy County, NM
Drafted By: Lance Crenshaw, 6-22-15**

0 0.00750.015 0.03 Miles

**Spill Area:
17,246 sq. ft.**

Legend

Misc_points

Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- Soil Bores
- sample_pts
- Source

Pipeline

Type

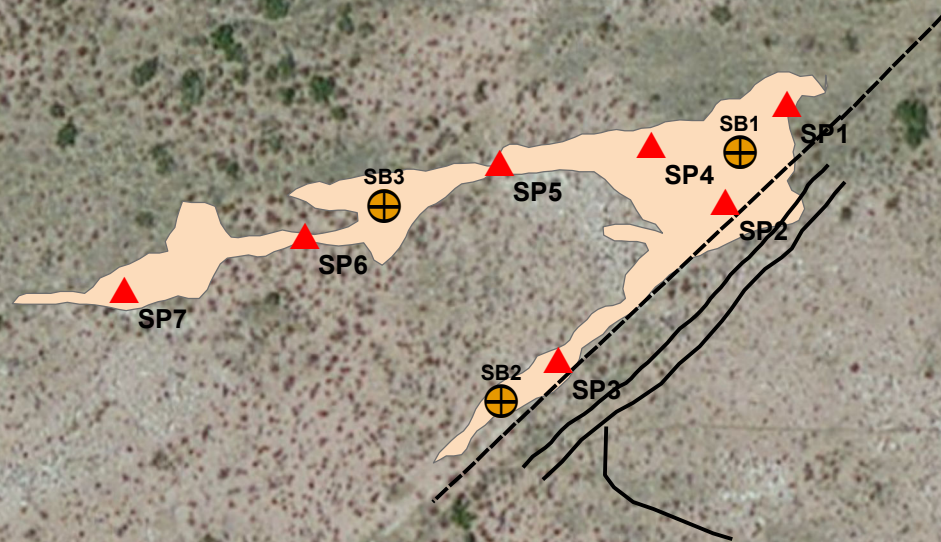
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
Environmental Assessments
Regulatory Compliance



Environmental **DFS** Services

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Cell: 575-441-2359
Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, i-cube, swisstopo, and the GIS User Community



Remuda Basin Fed #2 SWD

PHOTO PAGE

6/17/2015





6/25/2015

SP Date: 6/25/2015
Rel Date:

[illegible]Page 1

Diversified Environmental Services

[illegible]

	Lab Confirmation Sample
	Field Sampling
	Needs Delineation and confirmation samples

6/26/2015

SP Date: 6/26/2015
Rel Date:

	Lab Confirmation Sample
	Field Sampling
	Needs Delineation and confirmation samples



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														
POD Number	Code	Sub-basin	County	Q			Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
				64	16	4								
C 02486	C		ED	3	2	3	19	23S	30E	601304	3572832*		350	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

Basin/County Search:

County: Eddy

PLSS Search:

Section(s): 19

Township: 23S

Range: 30E

*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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

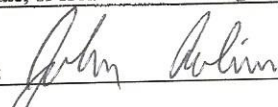
Name of Company	XTO Energy	Contact	John Robinson
Address	500 W. Illinois, Suite 100 Midland, TX 79701	Telephone No.	575-394-2089
Facility Name	Remuda Basin 19 Fed #2 SWD	Facility Type	Injection
Surface Owner	BLM	Mineral Owner	BLM
		Lease No.	30-015-28901

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	19	23S	30E	510	N	1580	E	Eddy

Latitude 32.2963142 Longitude -103.9174271

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	160 bbls PW	Volume Recovered	0
Source of Release	Fiberglass Line	Date and Hour of Occurrence	Date and Hour of Discovery		
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Date and Hour				
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.* Fiberglass line developed hole. A hydrovac was brought out to dig around the area of the line and replace the line.					
Describe Area Affected and Cleanup Action Taken.* Spill occurred in pasture area about 900 feet southwest of well. The spill ran approximately 300 yards into the pasture area. Diversified Field Services will handle the cleanup for this location.					
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: 		OIL CONSERVATION DIVISION			
Printed Name: John Robinson		Approved by District Supervisor:			
Title: Maintenance Foreman		Approval Date:		Expiration Date:	
E-mail Address: john_robinson@xtoenergy.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 6-5-15		Phone: 575-441-5199			

* Attach Additional Sheets If Necessary