

Devon Energy Cotton Draw 11 Federal #2H Closure Report

**Section 11, T25S, R31E
Eddy County, New Mexico**

**2RP-2736
October 12, 2015**



Prepared for:

***Devon Energy Production
Seven Rivers Hwy.
Artesia, NM 88220***

By:

**Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510**

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I. Company Contacts

Representative	Company	Telephone	E-mail
Brett Fulks	Devon Energy	575-748-1844	Brett.Fulks@dvn.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by Devon Production to perform site assessment of a release area on the Cotton Draw 11 Federal #2H (163). Located in Unit Letter C, Section 11, Township 25S, Range 21E in Eddy County.

According to the C-141: On January 12, 2015 at the Cotton Draw 11 Federal #2H a Bosque employee was changing the filter socks in the dual filter pod when the hose connecting the KC filter directly beneath the filter pot disconnected causing the release of approximately 15 barrels of produced water. Approximately Five (5) bbls of fluid remained in the bermed area, while the remainder spilled over one corner of the bermed wall onto the pad area. Bosque utilized a vacuum truck, skid steer, backhoe and dump truck were utilized to remediate the area immediately following the spill event. The NMOCD and BLM were notified of the occurrence on January 12, 2015 at 2:41 PM and 2:44 PM, respectively on the same date. The NMOCD assigned the event **2RP-2736 (Appendix A)**.

III. Surface and Ground Water

Research with the New Mexico Office of the State Engineer indicates that there is no record of groundwater in the immediate vicinity of this site. However average depth to groundwater for the area is 390' bgs. Thereby, posing no immediate threat to groundwater or life forms (Appendix B).

IV. Work Performed

On January 12, 2015 Trinity Oilfield Services & Rentals, LLC was onsite to remove all impacted soils as indicated by dampness. There was a total of Twelve (12) yards of impacted soils disposed of at an NMOCD approved facility (Lea Land, LLC).

V. Conclusion

Based on the removal of saturated soils to an NMOCD approved facility and the restoration of the site to grade; SESI, on behalf of Bosque Systems and Devon Energy respectfully requests closure of the regulatory file for this incident.

VI. Figures & Appendices

Figure 1 – Vicinity Map
Appendix A – C-141
Appendix B – Groundwater
Appendix C – Trinity Disposal

Appendix A C-141

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

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 13 2015

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAB1501441507

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company: Devon Energy Production Co LP (6137)	Contact: Brian Kuh
Address: PO Box 250 Artesia, NM 88211	Telephone No. 575- 616-1540
Facility Name: Cotton Draw 11 Federal #2H	Facility Type: Well location

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39375
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LOCATION OF RELEASE

AKA Cotton Draw Unit 163 H

Unit Letter C	Section 11	Township 25S	Range 31E	Feet from the 330	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
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Latitude: _____ Longitude: 32.151232
103.750816

NATURE OF RELEASE

Type of Release: Produced water	Volume of Release: 15 bbls	Volume Recovered: 15 bbl
Source of Release: Bosque produced water filtering pod	Date and Hour of Occurrence 01/12/2015, approx. 6:25 A.M.	Date and Hour of Discovery 01/12/2015, approx. 6:25 A.M.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD-Mike Bratcher BLM-Jim Amos	
By Whom? Brian Kuh, Foreman	Date and Hour: 01/12/2015; OCD: 2:41 P.M. BLM: 2:44 P.M.	
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 the Cotton Draw 11 Fed 2H, a Bosque employee was changing the filter socks in the dual filter pod when the hose connecting to the KC nipple directly underneath the filter pot disconnected causing the release of approximately 15 barrels of produced water. The hose clamp that holds the hose in place broke causing the pressure of the water to disconnect the hose. The produced water overflowed it's containment (20 ft x 20 ft x 8 in) due to one corner of the containment being lower than the rest, which was caused by an unlevelled surface. Approximately 10 barrels of produced water escaped the containment and on to the pad while another 5 barrels stayed in the containment. The produced water did not leave the pad. Cleanup at the location was started shortly after the release and was completed that day.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck, skid steer, backhoe, and dump truck were all used to clean up the entire spill.

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: Denise Menoud	Signed By <u>Mike Bratcher</u>	
Title: Field Admin Support	Approved by Environmental Specialist:	
E-mail Address: Denise.Menoud@dmv.com	Approval Date: <u>1/14/15</u>	Expiration Date: <u>N/A</u>
Date: 01/13/2015 Phone: 575-746-5544	Conditions of Approval: FINAL	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

2RP-2736

Bratcher, Mike, EMNRD

From: Menoud, Denise <Denise.Menoud@dvn.com>
Sent: Tuesday, January 13, 2015 10:51 AM
To: Bratcher, Mike, EMNRD
Cc: Menoud, Denise
Subject: C141 attached - Cotton Draw 11 Fed 2H
Attachments: C-141 Bosque 1_12_15.doc

Please send confirmation # for the attached C141. Thank you.

Denise Menoud

Admin Field Support 4 / Completions
Devon Energy Production Co. LP/Artesia NM
Denise.Menoud@dvn.com
575-746-5544

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Appendix B Groundwater



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 Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02250			ED	3	1	4	21	25S	31E	614912	3553620*	400	390	10
C 02568			ED	4	3	1	01	25S	31E	619103	3558892*	1025		
C 02569			ED	4	4	2	02	25S	31E	618699	3558891*	1016		
C 02570			ED	4	2	4	02	25S	31E	618704	3558489*	895		
C 02571			ED	4	1	2	02	25S	31E	618292	3559294*	860		
C 02572			ED	4	2	2	02	25S	31E	618695	3559294*	852		
C 02573			ED	1	4	2	02	25S	31E	618499	3559091*			
C 02574			ED	1	1	2	02	25S	31E	618092	3559494*			
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	450		

Average Depth to Water: **390 feet**

Minimum Depth: **390 feet**

Maximum Depth: **390 feet**

Record Count: 9

Basin/County Search:

County: Eddy

PLSS Search:

Township: 25S

Range: 31E

*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.

**Appendix C
Trinity Oilfield Services & Rentals,
LLC.**

Trinity Oilfield Services & Rentals, LLC.

Trinity Oilfield Services & Rentals, LLC.

P.O. Box 2587
Hobbs, NM 88241

(575) 397-4961
trinityoilfieldservices@gmail.com

Invoice

Date	Invoice #
04/10/2015	2244
Terms	Due Date
Net 30	05/10/2015

Bill To
Bosque Systems 5320 Rotary Drive, Carlsbad, NM 88240 US

COMPANY REP	LEASE NAME	FIELD TICKET #
Caleb Allen	Cotton Draw 163	2342, 2338

Date	Activity	QTY / HRS	Rate	Amount
01/12/2015	Backhoe 310SK - Back dragged and cleaned location in spill area and loaded onto truck	7	105.00	735.00T
01/12/2015	Dump Truck	4	75.00	300.00T
01/15/2015	Dump Truck - Hauled contaminated soil to Lea Land, LLC.	2	75.00	150.00T
01/15/2015	Disposal Fees	1	300.00	300.00T
SubTotal				\$1,485.00
Tax (6.8125%)				\$101.17
Total				\$1,586.17

THANK YOU FOR YOUR BUSINESS!!!!



TRINITY OILFIELD

SERVICES and RENTALS LLC

PO Box 2587 • Hobbs, NM 88241 • Phone (575) 631 3129 • trinityoilfieldservices@gmail.com

WORK TICKET

2338

Company: Devon Date: 1-12-14
Location: Cattaraugus #163 Rep. Name: -
County and State: Lea County, NM

Description of Work

Drove to location, scraped location,
backdug and cleaned area of spill, removed
12 yds of oil off location.

DISPOSAL Fee's 12 yds

Charges	Unit #	Hours	Rate	Amount
Dumptruck	202	4	75 ⁰⁰	
Backhoe	104	7	105 ⁰⁰	

SUB TOTAL

TAX

TOTAL



TRINITY OILFIELD

SERVICES and RENTALS LLC

PO Box 2587 • Hobbs, NM 88241 • Phone (575) 631 3129 • trinityoilfieldservices@gmail.com

WORK TICKET

2342

Company: Devon

Date: 1-15-14

Location: Cottonwood

Rep. Name: _____

County and State Lea county, NM

Description of Work

hauled off 12 yards of oil to
Leopard

Charges	Unit #	Hours	Rate	Amount
<u>Dump truck</u>	<u>202</u>	<u>2</u>	<u>75⁰⁰</u>	

SUB TOTAL

TAX

TOTAL