

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

Surface Owner: <b>Federal</b>	Mineral Owner: <b>Federal</b>	API No. <b>30-015-39375</b>
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*AKA Cotton Draw Unit 163 H*

**LOCATION OF RELEASE**

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

**NATURE OF RELEASE**

Type of Release: <b>Produced water</b>	Volume of Release: <b>15 bbls</b>	Volume Recovered: <b>15 bbl</b>
Source of Release: <b>Bosque produced water filtering pod</b>	Date and Hour of Occurrence <b>01/12/2015, approx. 6:25 A.M.</b>	Date and Hour of Discovery <b>01/12/2015, approx. 6:25 A.M.</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>OCD-Mike Bratcher                      BLM-Jim Amos</b>	
By Whom? <b>Brian Kuh, Foreman</b>	Date and Hour: <b>01/12/2015;    OCD: 2:41 P.M.    BLM: 2:44 P.M.</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 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:	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Denise Menoud</b>	Signed By <i>Mike Bratcher</i>	
Title: <b>Field Admin Support</b>	Approval Date: <i>1/14/15</i>	Expiration Date: <i>N/A</i>
E-mail Address: <b>Denise.Menoud@dvn.com</b>	Conditions of Approval: <b>FINAL</b>	Attached <input type="checkbox"/>
Date: <b>01/13/2015</b> Phone: <b>575-746-5544</b>		

\* Attach Additional Sheets If Necessary

*2RP-2736*

**Bratcher, Mike, EMNRD**

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**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](mailto: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
<a href="#">C 02250</a>			ED	3	1	4	21	25S	31E	614912	3553620*	400	390	10
<a href="#">C 02568</a>			ED	4	3	1	01	25S	31E	619103	3558892*	1025		
<a href="#">C 02569</a>			ED	4	4	2	02	25S	31E	618699	3558891*	1016		
<a href="#">C 02570</a>			ED	4	2	4	02	25S	31E	618704	3558489*	895		
<a href="#">C 02571</a>			ED	4	1	2	02	25S	31E	618292	3559294*	860		
<a href="#">C 02572</a>			ED	4	2	2	02	25S	31E	618695	3559294*	852		
<a href="#">C 02573</a>			ED	1	4	2	02	25S	31E	618499	3559091*			
<a href="#">C 02574</a>			ED	1	1	2	02	25S	31E	618092	3559494*			
<a href="#">C 03830 POD1</a>		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 I63	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
<b>SubTotal</b>				<b>\$1,485.00</b>
<b>Tax (6.8125%)</b>				<b>\$101.17</b>
<b>Total</b>				<b>\$1,586.17</b>

THANK YOU FOR YOUR BUSINESS!!!!



# TRINITY OILFIELD SERVICES and RENTALS LLC

## WORK TICKET

2338

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

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, backdozed and cleaned area of spill, removed 12 yds of O/D off location.*

*DISPOSAL Fee's 12 yds*

Charges	Unit #	Hours	Rate	Amount
Dumptruck	202	4	75 <sup>00</sup>	
Backhoe	104	7	105 <sup>00</sup>	

SUB TOTAL  
 TAX  
 TOTAL



# TRINITY OILFIELD SERVICES and RENTALS LLC

## WORK TICKET

2342

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

Company: Devon Date: 1-15-14

Location: Cotton draw Rep. Name: \_\_\_\_\_

County and State Lea county, NM

Description of Work

banked off 12 yards of 9/10 to  
Leopard

Charges	Unit #	Hours	Rate	Amount
<u>Dump truck</u>	<u>202</u>	<u>2</u>	<u>75<sup>00</sup></u>	

SUB TOTAL	
TAX	
TOTAL	