



# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number:** pVF1733153109

**3RP - 1058**

**Williams Four Corners, LLC**

11/27/2017

**3R-1058**

**Williams Four Corners  
LLC.**

**Hargrave RP F-2**

**11/27/2017**

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

NOV 13 2017

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

## Release Notification and Corrective Action

## OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: <b>Williams Four Corners LLC</b>	Contact: <b>Kijun Hong</b>
Address: <b>1755 Arroyo Dr., Farmington, NM 87413</b>	Telephone No.: <b>(505) 632-4475</b>
Facility Name: <b>Hargrave RP F-2</b>	Facility Type: <b>Pipeline</b>

Surface Owner: <b>BLM</b>	Mineral Owner	BLM Project No.
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## LOCATION OF RELEASE

Unit Letter <b>K</b>	Section <b>16</b>	Township <b>27N</b>	Range <b>10W</b>	Feet from the	North/South Line	Feet from the	East/West Line	County <b>San Juan</b>
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Latitude **36.5749** Longitude **-107.9033**

## NATURE OF RELEASE

Type of Release: <b>Natural Gas</b>	Volume of Release: <b>41.09 MCF</b>	Volume Recovered: <b>0 MCF</b>
Source of Release: <b>Pipeline.</b>	Date and Hour of Occurrence: <b>09/28/2017 at 11:30 AM</b>	Date and Hour of Discovery: <b>09/28/2017 at 11:30 AM</b>  <b>Soil threshold was exceeded on 10/17/2017</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Vanessa Fields</b>	
By Whom? <b>Chris Lucero</b>	Date and Hour: <b>10/17/2017 @ 10:00 AM</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. <b>NA</b>	
If a Watercourse was Impacted, Describe Fully.* <b>NA</b>		
Describe Cause of Problem and Remedial Action Taken.* <b>Natural gas and liquids released from a leak in the pipeline. The section was isolated and shut-in upon discovery.</b>		
Describe Area Affected and Cleanup Action Taken.* <b>Clean up currently in progress. Approximately 3,000 yards of impacted soil have been trucked off site for disposal and 3,000 yards of clean dirt have been stock piled on site for back fill so far.</b>		

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: <b>Kijun Hong</b>	Approved by Environmental Specialist: 	
Title: <b>Environmental Specialist</b>	Approval Date: <b>11/27/2017</b>	Expiration Date:
E-mail Address: <b>kijun.hong@williams.com</b>	Conditions of Approval: <b>See Attached</b>	Attached <input type="checkbox"/>
Date: <b>11/6/2017</b>	Phone: <b>(505) 632-4475</b>	

\* Attach Additional Sheets If Necessary

**NVF1733 148730**



## Fields, Vanessa, EMNRD

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**From:** Fields, Vanessa, EMNRD  
**Sent:** Friday, November 17, 2017 2:00 PM  
**To:** 'Webre, Matt'; Galer, Aaron  
**Cc:** Smith, Cory, EMNRD; Hong, Kijun; Lucero, Christopher; Jukes, Mike; Bohannon, Jodi; Thomas, Leigh; Powell, Brandon, EMNRD  
**Subject:** RE: C-141 Hargrave RP F-2 - INITIAL

Good afternoon Aaron,

The OCD approves Williams delineation plan for the Hargrave RP F-2 with the following condition of approvals.

- Following the NMOCD Guidelines for Remediation's of Leaks, Spills and Releases the remediation's levels for soils at the Hargrave RP F-2 are as follows 10 mg/kg Benzene, 50 mg/kg BTEX and 100 mg/kg TPH
- Williams will fully delineate the release both horizontally and vertically. Boreholes that exceeded 100ppm OVM or exhibit heavy staining and/or apparent hydrocarbon impacts will be considered impacted until sampled.
- Delineation must be completed by 12/6/2017
- Horizontal delineation of soil impacts must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C6 thru C36). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C6 thru C36), Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below the sites closure standards must be demonstrated as existing above the water table.
- Composite sampling will not be allowed for delineation
- Provide OCD with 48 hour notice prior to delineation.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples

submitted for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated).

- Within 30 days of completion of delineation Williams will submit to the OCD a delineation report and proposed alternative remediation plan.

Thank you,

Vanessa Fields  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 119  
Cell: (505) 419-0463  
[vanessa.fields@state.nm.us](mailto:vanessa.fields@state.nm.us)

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**From:** Webre, Matt [<mailto:Matt.Webre@Williams.com>]

**Sent:** Friday, November 17, 2017 11:47 AM

**To:** Fields, Vanessa, EMNRD <[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>; Galer, Aaron <[Aaron.Galer@Williams.com](mailto:Aaron.Galer@Williams.com)>

**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Hong, Kijun <[Kijun.Hong@williams.com](mailto:Kijun.Hong@williams.com)>; Lucero, Christopher <[Christopher.Lucero@Williams.com](mailto:Christopher.Lucero@Williams.com)>; Juckes, Mike <[Mike.Juckes@Williams.com](mailto:Mike.Juckes@Williams.com)>; Bohannon, Jodi <[Jodi.Bohannon@williams.com](mailto:Jodi.Bohannon@williams.com)>; Thomas, Leigh <[l1thomas@blm.gov](mailto:l1thomas@blm.gov)>; Powell, Brandon, EMNRD <[Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)>

**Subject:** RE: C-141 Hargrave RP F-2 - INITIAL

Vanessa,

Those samples were not collected for confirmation so we did not provide notification. Those were collected to help us determine what our path forward should be.

Matt

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**From:** Fields, Vanessa, EMNRD [<mailto:Vanessa.Fields@state.nm.us>]

**Sent:** Friday, November 17, 2017 11:44 AM

**To:** Galer, Aaron <[Aaron.Galer@Williams.com](mailto:Aaron.Galer@Williams.com)>

**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Hong, Kijun <[Kijun.Hong@williams.com](mailto:Kijun.Hong@williams.com)>; Lucero, Christopher <[Christopher.Lucero@Williams.com](mailto:Christopher.Lucero@Williams.com)>; Juckes, Mike <[Mike.Juckes@Williams.com](mailto:Mike.Juckes@Williams.com)>; Bohannon, Jodi <[Jodi.Bohannon@williams.com](mailto:Jodi.Bohannon@williams.com)>; Webre, Matt <[Matt.Webre@Williams.com](mailto:Matt.Webre@Williams.com)>; Thomas, Leigh <[l1thomas@blm.gov](mailto:l1thomas@blm.gov)>; Powell, Brandon, EMNRD <[Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)>

**Subject:** [EXTERNAL] RE: C-141 Hargrave RP F-2 - INITIAL

Aaron,

I was unable to locate the e-mail for notification for the ground water and soil sample collection. Could you please tell me what date that was sent?

Thank you,



Vanessa Fields  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 119  
Cell: (505) 419-0463  
[vanessa.fields@state.nm.us](mailto:vanessa.fields@state.nm.us)

---

**From:** Galer, Aaron [<mailto:Aaron.Galer@Williams.com>]  
**Sent:** Friday, November 17, 2017 9:41 AM  
**To:** Fields, Vanessa, EMNRD <[Vanessa.Fields@state.nm.us](mailto:Vanessa.Fields@state.nm.us)>  
**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Hong, Kijun <[Kijun.Hong@williams.com](mailto:Kijun.Hong@williams.com)>; Lucero, Christopher <[Christopher.Lucero@Williams.com](mailto:Christopher.Lucero@Williams.com)>; Juckes, Mike <[Mike.Juckes@Williams.com](mailto:Mike.Juckes@Williams.com)>; Bohannon, Jodi <[Jodi.Bohannon@williams.com](mailto:Jodi.Bohannon@williams.com)>; Webre, Matt <[Matt.Webre@Williams.com](mailto:Matt.Webre@Williams.com)>; Thomas, Leigh <[l1thomas@blm.gov](mailto:l1thomas@blm.gov)>; Powell, Brandon, EMNRD <[Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)>  
**Subject:** RE: C-141 Hargrave RP F-2 - INITIAL

Vanessa,

Please find attached our proposed work plan for soil and groundwater delineation at Hargrave RP F-2. The BLM has approved this work under supervision of an arch monitor so as soon as we receive OCD approval we'll get the field work scheduled. Let me know if you have any questions.



Aaron Galer | Williams | Environmental Specialist IV | Environmental Programs  
Office: 801-584-6746 | Cell: 801-244-1219 | 295 Chipeta Way, SLC, UT 84108

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**From:** Fields, Vanessa, EMNRD [<mailto:Vanessa.Fields@state.nm.us>]  
**Sent:** Monday, November 06, 2017 11:43 AM  
**To:** Webre, Matt <[Matt.Webre@Williams.com](mailto:Matt.Webre@Williams.com)>; [l1thomas@blm.gov](mailto:l1thomas@blm.gov)  
**Cc:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Galer, Aaron <[Aaron.Galer@Williams.com](mailto:Aaron.Galer@Williams.com)>; Ruybalid, Tristen <[Tristen.Ruybalid@Williams.com](mailto:Tristen.Ruybalid@Williams.com)>; Hong, Kijun <[Kijun.Hong@williams.com](mailto:Kijun.Hong@williams.com)>; Lucero, Christopher <[Christopher.Lucero@Williams.com](mailto:Christopher.Lucero@Williams.com)>; Juckes, Mike <[Mike.Juckes@Williams.com](mailto:Mike.Juckes@Williams.com)>; Bohannon, Jodi <[Jodi.Bohannon@williams.com](mailto:Jodi.Bohannon@williams.com)>  
**Subject:** RE: C-141 Hargrave RP F-2 - INITIAL

Good morning Matt,

Please be advised of the conditions of approval:

- Following the NMOCD Guidelines for Remediation's of Leaks, Spills and Releases the remediation's levels for soils at the Hargrave RP F-2 are as follows 10 mg/kg Benzene, 50 mg/kg BTEX and 100 mg/kg TPH

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- Within 30 days of completion of delineation Williams will submit to the OCD a delineation report and proposed alternative remediation plan.

Thank you,

Vanessa Fields  
 Environmental Specialist  
 Oil Conservation Division  
 Energy, Minerals, & Natural Resources  
 1000 Rio Brazos, Aztec, NM 87410  
 (505)334-6178 ext 119  
 Cell: (505) 419-0463  
[vanessa.fields@state.nm.us](mailto:vanessa.fields@state.nm.us)



**From:** Webre, Matt [mailto:Matt.Webre@Williams.com]

**Sent:** Monday, November 6, 2017 11:31 AM

**To:** Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; l1thomas@blm.gov

**Cc:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Galer, Aaron <Aaron.Galer@Williams.com>; Ruybalid, Tristen <Tristen.Ruybalid@Williams.com>; Hong, Kijun <Kijun.Hong@williams.com>; Lucero, Christopher <Christopher.Lucero@Williams.com>; Juckes, Mike <Mike.Juckes@Williams.com>; Bohannon, Jodi <Jodi.Bohannon@williams.com>

**Subject:** RE: C-141 Hargrave RP F-2 - INITIAL

This email outlines Williams proposed immediate plans for addressing impacts at this pipeline leak location.

- Based on feedback from the BLM, Williams cannot continue excavation activities due to limited ROW access at this time. Impacted material is being removed and expected to be completed by Tuesday. Current site remediation difficulties include limited space to store clean overburden material and unknown extent of impacts.
- Williams has scheduled LTE to conduct a site visit on Tuesday to prepare a delineation plan. The plan will be prepared by LTE and submitted to OCD and BLM.
- If scheduling allows, Williams would like to begin delineation activities later this week with the installation of soil borings. This data will be helpful in determining excavation extents so the remediation work can be plan efficiently.
- Williams plans on having an arch monitor onsite during the delineation activities. Jodi Bohannon is managing the arch effort for Williams.
- Williams has collected a few samples to aid in decision making with results pending.

Please contact Aaron Galer or Kijun Hong to discuss the proposed plan.



**Matt Webre, PG | Williams | Supervisor EH&S | West Safety and Environmental**  
Office: 505-632-4442 | Cell: 505-215-8059 | 1755 Arroyo Drive, Bloomfield, NM 87413

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*If you have received this message in error, please reply to advise the sender of the error and then immediately delete this message.*

**From:** Hong, Kijun

**Sent:** Monday, November 06, 2017 11:10 AM

**To:** Fields, Vanessa, EMNRD (Vanessa.Fields@state.nm.us) <Vanessa.Fields@state.nm.us>

**Cc:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; l1thomas@blm.gov; Galer, Aaron <Aaron.Galer@Williams.com>; Webre, Matt <Matt.Webre@Williams.com>; Ruybalid, Tristen <Tristen.Ruybalid@Williams.com>

**Subject:** C-141 Hargrave RP F-2 - INITIAL

Vanessa,

Please find attached the initial C-141 for the release from our Hargrave RP F-2 pipeline.

Please let me know if there are any questions. A hardcopy will be sent to your offices shortly.





**Kijun Hong** | Williams | Environmental Specialist | West – Four Corners Area  
Office: 505-632-4475 | Cell: 505-436-8457 | 1755 Arroyo Dr., Bloomfield, NM 87413

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