

March 30, 2012

Colorado Oil and Gas Conservation Commission
Environmental Division
9203 East 155 Drive
Brighton, Colorado 80602

Mr. John Axelson:

Citation Oil & Gas Corporation is requesting approval to use approximately 15 Cu. Yards of contaminated soil on-site to build up existing containment dikes . Contamination is the result of a spill which occurred at our Oil production facility on May 31st 2011. Contaminated soil was piled up on location. Composite soil samples were collected on August 23rd 2011, and sent to Origins Laboratories for analysis. Enclosed you will find analysis for those soil samples. Please review the following analysis for approval. Also enclosed is a copy of our internal spill report and a location diagram. Please let me know if there is anything else you need.

Sincerely,



Geoffrey Wolff
Assistant Production Foreman
Citation Oil & Gas Corporation
719 767-3415 (O)
719 340-4637 (C)
gwolff@cogc.com

**CITATION OIL & GAS CORP.
OIL/PRODUCED WATER, GAS LEAK, BLOWOUT REPORT**

**A COPY OF THIS REPORT NEEDS TO BE FAXED TO THE REGION OFFICE AS
WELL AS TO THE REGULATORY COMPLIANCE MANAGER IN HOUSTON**

Report Date to Houston 5-31-11 **Time:** 7:00 AM ☒ PM ☐ **Reported by** Geoffrey Wolff

Person Who Discovered Incident: Dave Evans

Date of Incident 5-31-2011 **Time of Incident** 5:00 A.M.

Facility/Well Name and Number Dubois Battery and Dubois # 5 location

Field West Padroni

Qtr/Qtr NENW **Sec** 7 **Township** 9N **Range** 52W

Survey/Block _____

Latitude/Longitude (GPS) 40 46 26 .73 /103 13 17.31

(Attach a diagram that includes Point of Origin, Dimensions of the Spill Area, Direction of Flow, if the spill does not occur at a tank battery (facility), give the nearest reference point to the spill site (i.e. well, bldg, etc.) as well as the GPS reading for that reference point. Also provides GPS readings for the actual spill site (i.e. point of origin and endpoint).

County Logan **State** Co

Volume Spilled: 160

Oil/Condensate 10 **Produced Water** 150 **Gas** _____ **Other** _____

Volume Recovered: 10 Oil and 150 water

Oil/Condensate 10 **Produced Water** 150 **Gas** _____ **Other** _____

Surface Conditions: 70'x100'

Wind Direction Calm **Temp** 50 **Dry** ☒ **Wet** ☐ **Snow** ☐

Area of Property Threatened: No pasture land only our Duois #5 location had oil on it. Approximately 70'x100'.

Steam _____ **Creek** _____ **River** _____ **Lake** _____ **Pasture** _____ **Livestock** _____

Explain in Detail

Spill did not threaten pasture but stayed on the Dubois 5 lease road and location. There was a large rain puddle on the Dubois 5 location where the oil layed on top of.

Did discharge come in contact with water ☐ Yes ☒ No

Cause of Discharge

Lightning shut dn. the water injection pump for the Dubois Battery. When the water tanks reached the level where our shutdowns and callouts were supposed to shut the wells down and call the operator there was a electric relay that failed. This allowed the wells to stay running, thus the water tanks filled,overflowed into the dikes with 10 barrels oil going over the top of the dikes

Action taken to control/contain discharge:

Wells were shut down and the water injection pump reset and started. Had a vac truck on location to recover the oil outside the dikes fiirst and then recovered water and any oil inside the dikes.

Describe remediated activities (attach separate sheet if needed):

If there is any contaminated soil it will be removed and hauled off if necessary.

Measures taken to prevent problem from reoccurring:

Replaced the faulty relay and continue to do monthly checks of the callout and shutdown systems. NOTE: Callouts and shutdowns were checked in the last two weeks with no problems. All wells shut down during the checks and the callouts also worked. The STATE WAS CALLED AFTER TOTAL VOLUME SPILLED WAS DETERMINED.

List all parties and agencies notified

Date/Time	Agency	Contact	Phone
5-31-2011 4:00 P.M.	Colorado Oil & Gas Conservation Commission	Colby Horton	970-467-2517 (CELL) 970-867-2517 (O)

Landowner: Norma Dickinson

Person Contacted: Norma and Don Dickinson

Date Notified: 5-31-2011

Time Notified: 8:00 A.M.

Phone: 1 970 526-2128(NORMA) 1 970-580-8256 (DON)

Name of Citation Employee making contact: Geoffrey Wolff

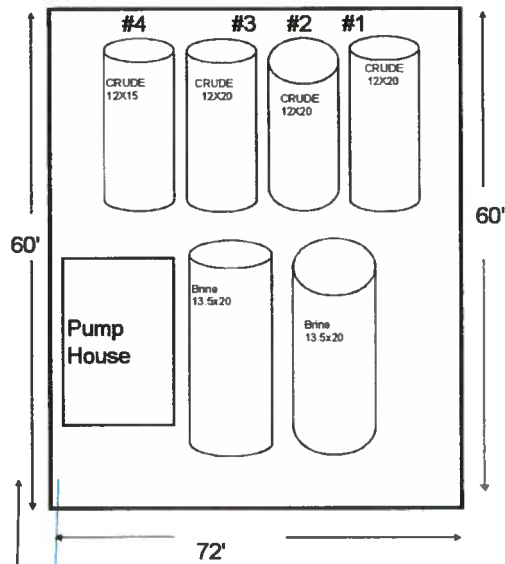
NOTIFY: IF AFTER 5:00 OR WEEKENDS – (ONLY CALL REGARDING A MAJOR SPILL OR IF SPILL ENTERS WATER)

Lee Ann Elsom

Dubois Tank Battery
 Citation Oil & Gas Corporation
 NE/NW Sec 7 T9N R52W
 Logan County, Colorado



81'

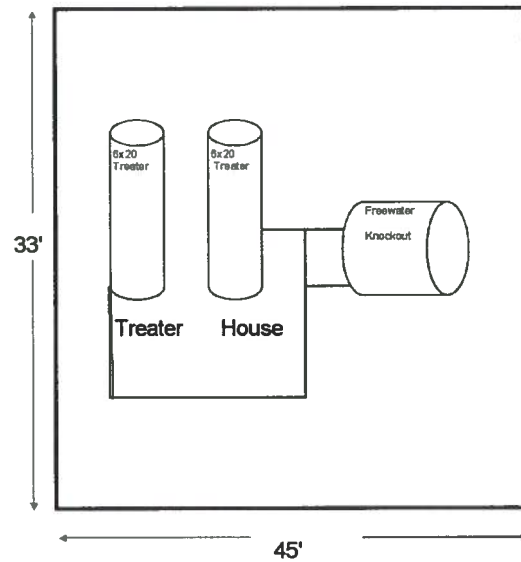


Path of liquid

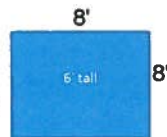
120'

←←← Cattle Guard for lease road

←←← Deadman marker and low spot where fluid stopped-Fluid ran just to the west of the lease road- no vegetation effected



Contaminated
Dirt Pile →→





September 02, 2011

Citation Oil & Gas Corp.

Geoffrey Wolff

15562 Hwy 385

Cheyenne Wells CO 80810

Project Name - Dubois

Project Number - [none]

Attached are you analytical results for Dubois received by Origins Laboratory, Inc. August 26, 2011. This project is associated with Origins project number X108150-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.

303.433.1322

o-squad@oelabinc.com



4640 North Pecos Street | Unit C | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Citation Oil & Gas Corp.
15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample 1 Top	X108150-01	Soil	August 23, 2011 12:00	08/26/2011 09:55
Sample 2 Middle	X108150-02	Soil	August 23, 2011 12:00	08/26/2011 09:55
Sample 3 Bottom	X108150-03	Soil	August 23, 2011 12:00	08/26/2011 09:55

Origins Laboratory, Inc.



Noelle E Doyle, President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cheyenne Wells CO 80810

Project Name: Dubois

ORIGINS

Client: 7/1m 8.2 c.

Address: 6, 4/4, 335 1st Ave. W. 11510

Telephone Number: 1-719-346-4637

Email Address: 5/4 1/18 CCGC 11/1m

Telephone Number: 1-719-346-4631

Email Address: g.v.1765@gmail.com

[illegible]

Naucke

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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Origins Laboratory

F-012207-01
Effective Date: 01/22/07

Sample Receipt Checklist

Origins Work Order: X108150

Client: Citation Oil Gas Client Project ID: Dubois

Shipped Via: FEDEX Airbill #: _____
(UPS, FedEx, Hand Delivered, Pickup, etc.)

Matrix (Check all that apply) ☒ Soil/Solid ☐ Water ☐ Other _____
(Disenbu)

Cooler ID					
Temp (°C)	<u>2.6</u>				

Thermometer ID: [001]

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature just above 0°C to $\pm 5^\circ\text{C}$? NOTE: If samples are delivered within 5 hours of sampling, this requirement is waived provided that there is evidence that cooling had begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>Up Time recorded</u>
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservation in the Comments column (e.g., HCl).				
Additional Comments, if any:				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in the case narrative.

Debbie Smith
Custodian Printed Name

Debbie Smith
Signature or Initials of Custodian

3/2/07 10:53
Date/Time

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Sample 1 Top
8/23/2011 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X108150-01 (Soil)

BTEX by EPA 8260C

Benzene	ND	4.0	ug/kg	1	1H29003	08/29/2011	08/29/2011
Toluene	ND	4.0	"	"	"	"	"
Ethylbenzene	ND	4.0	"	"	"	"	"
Xylenes, total	ND	4.0	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130	"	"	"	"	"
Surrogate: Toluene-d8	106 %	70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	88.1 %	70-130	"	"	"	"	"

Conductivity by E120.1

Conductivity	2500	20	us/cm	1	868589	08/29/2011	08/29/2011
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Percent Moisture by AD2216A

Percent Moisture	13.2	1	%	1	868599	08/29/2011	08/29/2011
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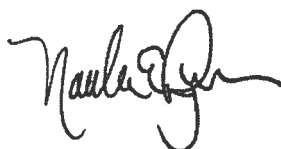
pH by SW9045C

pH	8.22		SU	1	868701	08/30/2011	08/30/2011
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Sodium Absorption Ratio (SAR) by S29B08

Sodium Absorption Ratio	1.23			1	869078	09/02/2011	09/02/2011
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Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Sample 1 Top

8/23/2011 12:00:00PM

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

XENCO

X108150-01 (Soil)

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	1H29006	08/29/2011	08/29/2011
Diesel (C10-C28)	1300	50	"	"	"	"	"
Residual Range Organics (C28-C36)	1700	200	"	"	"	"	"
TPH - Carbon Chain Total	3000	50	"	"	"	"	"

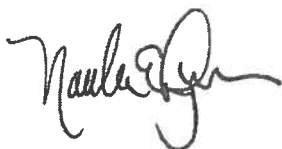
Surrogate: o-Terphenyl

84.5 %

65-140

" " "

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Sample 2 Middle
8/23/2011 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X108150-02 (Soil)

BTEX by EPA 8260C

Benzene	ND	4.0	ug/kg	1	1H29003	08/29/2011	08/29/2011
Toluene	ND	4.0	"	"	"	"	"
Ethylbenzene	ND	4.0	"	"	"	"	"
Xylenes, total	ND	4.0	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130	"	"	"
Surrogate: Toluene-d8	105 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	86.9 %	70-130	"	"	"

Conductivity by E120.1

Conductivity	5760	20	us/cm	1	868589	08/29/2011	08/29/2011
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Percent Moisture by AD2216A

Percent Moisture	17.1	1	%	1	868599	08/29/2011	08/29/2011
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pH by SW9045C

pH	7.96		SU	1	868701	08/30/2011	08/30/2011
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Sodium Absorption Ratio (SAR) by S29B08

Sodium Absorption Ratio	1.94			1	869078	09/02/2011	09/02/2011
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Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Sample 2 Middle
8/23/2011 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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XENCO
X108150-02 (Soil)

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	1H29006	08/29/2011	08/29/2011	
Diesel (C10-C28)	190	50	"	"	"	"	"	
Residual Range Organics (C28-C36)	780	200	"	"	"	"	"	
TPH - Carbon Chain Total	970	50	"	"	"	"	"	

Surrogate: o-Terphenyl	90.1 %	65-140	"	"	"
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Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Sample 3 Bottom

8/23/2011 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

X108150-03 (Soil)

BTEX by EPA 8260C

Benzene	ND	4.0	ug/kg	1	1H29003	08/29/2011	08/29/2011	
Toluene	ND	4.0	"	"	"	"	"	
Ethylbenzene	ND	4.0	"	"	"	"	"	
Xylenes, total	ND	4.0	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"	"	"	
Surrogate: Toluene-d8	105 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	87.3 %	70-130	"	"	"	"	"	

Conductivity by E120.1

Conductivity	1810	20	us/cm	1	868589	08/29/2011	08/29/2011	
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Percent Moisture by AD2216A

Percent Moisture	8.06	1	%	1	868599	08/29/2011	08/29/2011	
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pH by SW9045C

pH	8.22		SU	1	868701	08/30/2011	08/30/2011	
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Sodium Absorption Ratio (SAR) by S29B08

Sodium Absorption Ratio	0.889			1	869078	09/02/2011	09/02/2011	
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Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Sample 3 Bottom

8/23/2011 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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XENCO

X108150-03 (Soil)

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	1H29006	08/29/2011	08/30/2011	
Diesel (C10-C28)	950	50	"	"	"	"	"	
Residual Range Organics (C28-C36)	1400	200	"	"	"	"	"	
TPH - Carbon Chain Total	2400	50	"	"	"	"	"	


Surrogate: o-Terphenyl

95.7 %

65-140

" " "

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H29003 - EPA 5030B

Blank (1H29003-BLK1)

Prepared: 08/29/2011 Analyzed: 08/29/2011

Benzene	ND	4.0	ug/kg							
Toluene	ND	4.0	"							
Ethylbenzene	ND	4.0	"							
m,p-Xylene	ND	8.0	"							
o-Xylene	ND	4.0	"							
Surrogate: 1,2-Dichloroethane-d4	65		ug/L	62.5		104	70-130			
Surrogate: Toluene-d8	66		"	62.5		106	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		88.8	70-130			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H29003 - EPA 5030B

LCS (1H29003-BS1)

Prepared: 08/29/2011 Analyzed: 08/29/2011

Benzene	213	4.0	ug/kg	200		107	70-130			
Toluene	213	4.0	"	200		107	70-130			
Ethylbenzene	208	4.0	"	200		104	70-130			
m,p-Xylene	420	8.0	"	400		105	70-130			
o-Xylene	195	4.0	"	200		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	68		ug/L	62.5		109	70-130			
Surrogate: Toluene-d8	66		"	62.5		106	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.5	70-130			

Origins Laboratory, Inc.



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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H29003 - EPA 5030B

Matrix Spike (1H29003-MS1)		Source: X108146-01			Prepared: 08/29/2011 Analyzed: 08/29/2011					
Benzene	215	4.0	ug/kg	200	ND	107	70-130			
Toluene	211	4.0	"	200	ND	105	70-130			
Ethylbenzene	207	4.0	"	200	ND	104	70-130			
m,p-Xylene	412	8.0	"	400	ND	103	70-130			
o-Xylene	195	4.0	"	200	ND	97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		ug/L	62.5		98.2	70-130			
Surrogate: Toluene-d8	67		"	62.5		107	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.4	70-130			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H29003 - EPA 5030B

Matrix Spike Dup (1H29003-MSD1)		Source: X108146-01			Prepared: 08/29/2011 Analyzed: 08/29/2011					
Benzene	213	4.0	ug/kg	200	ND	106	70-130	1.09	20	
Toluene	211	4.0	"	200	ND	106	70-130	0.190	20	
Ethylbenzene	203	4.0	"	200	ND	102	70-130	1.87	20	
m,p-Xylene	410	8.0	"	400	ND	102	70-130	0.565	20	
o-Xylene	192	4.0	"	200	ND	95.8	70-130	1.61	20	
Surrogate: 1,2-Dichloroethane-d4	70		ug/L	62.5		112	70-130			
Surrogate: Toluene-d8	67		"	62.5		107	70-130			
Surrogate: 4-Bromofluorobenzene	58		"	62.5		93.4	70-130			

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H29006 - Default Prep GC-Semi

Blank (1H29006-BLK1)

Prepared: 08/29/2011 Analyzed: 08/29/2011

Gasoline (C6-C10)	ND	50	mg/kg
Diesel (C10-C28)	ND	50	"
Residual Range Organics (C28-C36)	ND	200	"
TPH - Carbon Chain Total	ND	50	"

Surrogate: o-Terphenyl 46 g 50.0 91.0 65-140

LCS (1H29006-BS1)

Prepared: 08/29/2011 Analyzed: 08/29/2011

Gasoline (C6-C10)	80	50	mg/kg				65-140
Diesel (C10-C28)	400	50	"	500	80.9		60-140

Surrogate: o-Terphenyl 43 g 50.0 86.2 65-140

Matrix Spike (1H29006-MS1)

Source: X108149-01

Prepared: 08/29/2011 Analyzed: 08/29/2011

Gasoline (C6-C10)	81	50	mg/kg		ND		65-130
Diesel (C10-C28)	410	50	"	500	ND	82.9	60-140

Surrogate: o-Terphenyl 44 g 50.0 87.8 65-140

Matrix Spike Dup (1H29006-MSD1)

Source: X108149-01

Prepared: 08/29/2011 Analyzed: 08/29/2011

Gasoline (C6-C10)	91	50	mg/kg		ND		65-130	11.1	20
Diesel (C10-C28)	450	50	"	500	ND	90.9	60-140	9.20	25

Surrogate: o-Terphenyl 47 g 50.0 93.8 65-140

Origins Laboratory, Inc.



Noelle E Doyle, President

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]
Project Name: Dubois

Conductivity by E120.1 - Quality Control XENCO

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 868589 - NONE										
LCS (868589-1-BKS)			Source: 868589-1-BKS			Prepared: 08/29/2011 Analyzed: 08/29/2011				
Conductivity	14100	20	us/cm	14100	<10.0	100	80-120		20	
BLANK (868589-1-BLK)			Source: 868589-1-BLK			Prepared: 08/29/2011 Analyzed: 08/29/2011				
Conductivity	ND	20	us/cm	0			-		20	
LCSD (868589-1-BSD)			Source: 868589-1-BSD			Prepared: 08/29/2011 Analyzed: 08/29/2011				
Conductivity	14100	20	us/cm	14100	<10.0	100	80-120	0	20	

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Citation Oil & Gas Corp.
15562 Hwy 385
Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Percent Moisture by AD2216A - Quality Control
XENCO

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 868599 - NONE

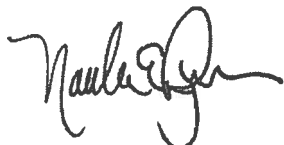
BLANK (868599-1-BLK)

Source: 868599-1-BLK

Prepared: 08/29/2011 Analyzed: 08/29/2011

Percent Moisture	ND	1	%	0			-		20	
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Citation Oil & Gas Corp.

15562 Hwy 385

Cheyenne Wells CO 80810

Project Number: [none]

Project Name: Dubois

Notes and Definitions

I Sample result was found between MDL and RL

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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