

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

OIL CONS. DIV DIST. 3

JAN 13 2016

Form C-141
Revised August 8, 2011

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: Encana Oil & Gas (USA), Inc	Contact: Tucker Smith
Address: 6584 E Main St., Farmington, NM 87402	Telephone No.: 505-599-2407
Facility Name: Lybrook I02 2308 01H	Facility Type: E&P Production
Surface Owner: State Lands	Mineral Owner: State Lands & BLM (comingled)
API No. 30-045-35365	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	2	23N	8W	2298'	South	723'	East	San Juan

Latitude 36.25519 N Longitude 107.64465 W - NAD83

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 6 bbl	Volume Recovered: 6 bbl
Source of Release: Pump freeze / float freeze at Combustor	Date and Hour of Occurrence: 1/2/2015, 06:00	Date and Hour of Discovery: 1/2/2015, 06:00
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" 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.*

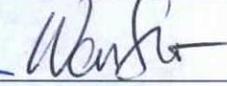
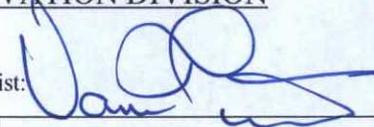
Describe Cause of Problem and Remedial Action Taken.*

During the early morning of January 2, 2015, freezing temperatures caused a float within a pump to freeze, allowing for approx. 6 bbls of oil to be released from the combustor vents on the Lybrook I02 2308 01H well location.

Describe Area Affected and Cleanup Action Taken.*

All released fluids were confined to the location boundaries. Vac truck collected all standing fluids. Equipment was used to scrape all affected material from frozen terrain.

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: Tucker Smith 	OIL CONSERVATION DIVISION	
Printed Name: Tucker Smith Warren Scott	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 2/8/2016	Expiration Date:
E-mail Address: tucker.smith@encana.com Warren.Scott@encana.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/5/2015	Phone: 505-599-2407	

* Attach Additional Sheets If Necessary

NCS1503741750



February 17, 2015

Mr. Brandon Foley
New Mexico State Lands
3539 E. 30th Street, Suite 205
Farmington, NM 87402

**Subject: Encana Oil & Gas (USA) Inc.
Request for Closure of Lybrook I02 2308 01H release, 1/2/2015**

Dear Mr. Foley:

Encana Oil & Gas (USA) Inc. (Encana) is hereby providing the State lands – Farmington Field Office with post spill clean up sampling of the Lybrook I02 site on State Lands.

The site ranks "0" based on NMOCD Guidelines for Remediation of Leaks, Spills and Releases, rev. August 1993, IV. A. 2(a)

- Depth to groundwater, > 100 ft, Ranking = 0
- Wellhead protection area, No, Ranking = 0
- Distance to surface water body (Arial map provided), >1000 ft, Ranking = 0

Sample ID	Recommended Remediation Action Levels at "0" Ranking Score (EPA method 418.1)	Analytical Analysis EPA 418.1 method - TPH *full report attached	Analytical Analysis EPA 8015 method - TPH *full report attached
Lybrook I02 #1 soil	TPH (ppm) 5000	36.0	GRO – ND DRO 434
Lybrook I02 #2 soil	TPH (ppm) 5000	43.9	GRO – ND DRO - ND

Based on the information provided, Encana is requesting Closure of this incident. Please contact me at 505-599-2407 if you have any questions or concerns.

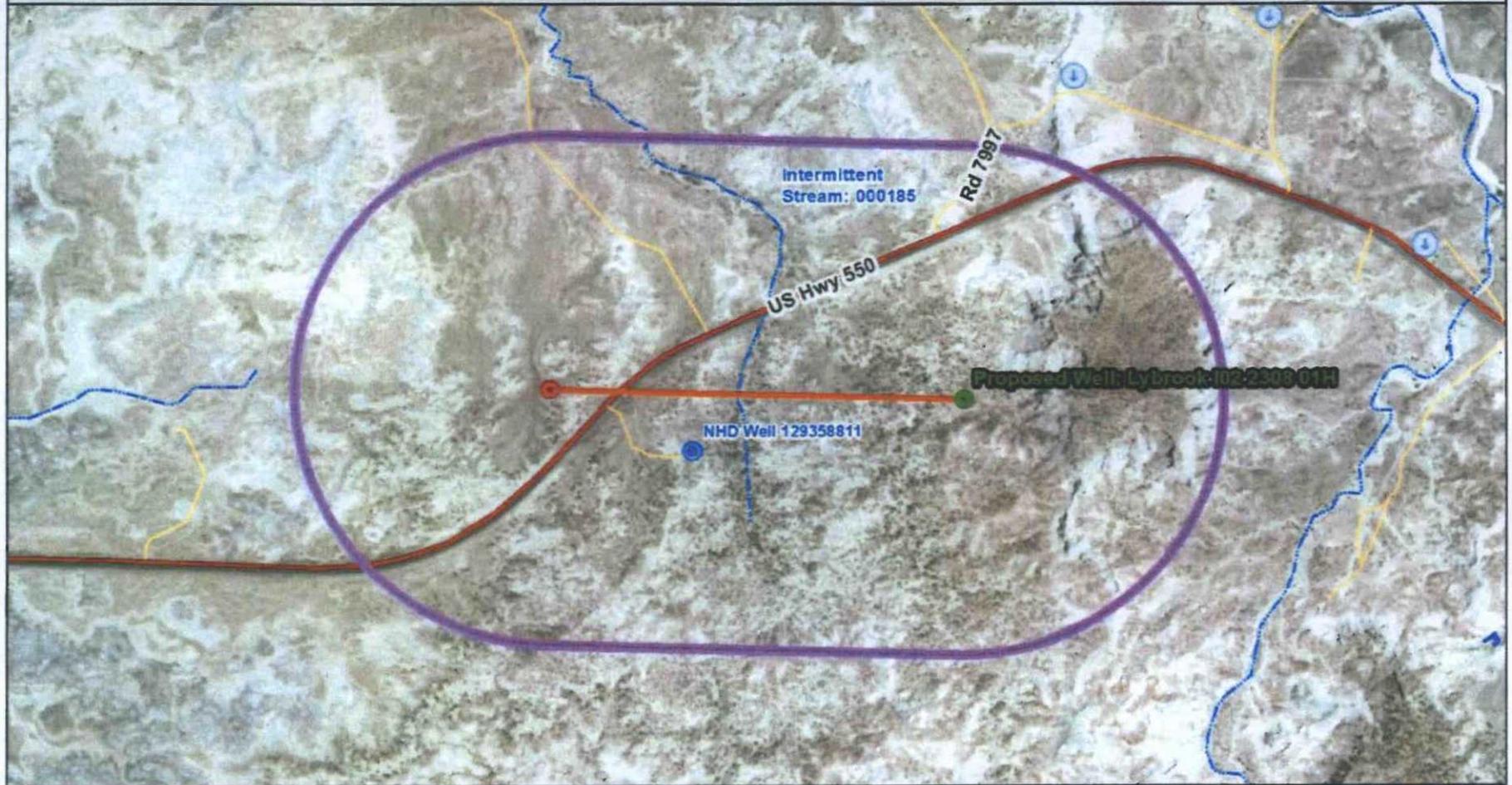
Best regards,

Tucker Smith
Environmental Specialist, San Juan

Attachments

Encana Oil & Gas (USA) Inc.

Republic Plaza 370 17th Street Suite 1700 Denver CO 80202 USA 303.621.3300 encana.com

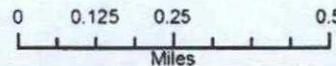


Legend

- NHD Well
- NM OSE Well Locations
- Bottom Location
- Surface Location
- Project Well Bore
- 0.5 Mile Proposed Well Buffer
- Intermittent
- Perennial
- Lake/Pond

Coordinate System: NAD 1983 UTM Zone 13N

1:18,000



BASELINE SAMPLING PROGRAM

SAN JUAN BASIN
PROPOSED WELL:
LYBROOK 102 2308 01H
AERIAL MAP

T23N, R8W SECTION 2
SAN JUAN COUNTY, NEW MEXICO
CROW MESA WEST, NM QUADRANGLE

Date: 12/11/2012



Analytical Report

Report Summary

Client: Encana Oil & Gas USA
Chain Of Custody Number: 17715
Samples Received: 1/20/2015 12:53:00PM
Job Number: 11195-0042
Work Order: P501056
Project Name/Location: Lybrook I02 Post Spill
Sample

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 1/28/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook 102 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Lybrook 102 #1 Soil	P501056-01A	Soil	01/20/15	01/20/15	Glass Jar, 4 oz.
Lybrook 102 #2 Soil	P501056-02A	Soil	01/20/15	01/20/15	Glass Jar, 4 oz.

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Three Spngs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph: (970) 259-0615 Fx: (800) 362-1879





Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook 102 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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**Lybrook 102 #1 Soil
P501056-01 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg	1	1504020	01/22/15	01/28/15	EPA 8015D	
Diesel Range Organics (C10-C28)	434	29.9	mg/kg	1	1504019	01/22/15	01/27/15	EPA 8015D	
Surrogate <i>n</i> -Terphenyl		138 %		50-200	1504019	01 22 15	01 27 15	EPA 8015D	
Surrogate 4-Bromochlorobenzene-FID		105 %		50-150	1504020	01 22 15	01 28 15	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	36.0	35.0	mg/kg	1	1505018	01/28/15	01/28/15	EPA 418.1	

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook I02 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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Lybrook I02 #2 Soil
P501056-02 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Limit	Units							
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg	1	1504020	01/22/15	01/28/15	EPA 8015D		
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1	1504019	01/22/15	01/27/15	EPA 8015D		
Surrogate: <i>o</i> -Terphenyl		104 %		50-200	1504019	01 22 15	01 27 15	EPA 8015D		
Surrogate: 4-Bromochlorobenzene-FID		104 %		50-150	1504020	01 22 15	01 28 15	EPA 8015D		
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	43.9	34.9	mg/kg	1	1505018	01/28/15	01/28/15	EPA 418.1		

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook 102 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1504019 - DRO Extraction EPA 3550M										
Blank (1504019-BLK1)										
										Prepared: 21-Jan-15 Analyzed: 22-Jan-15
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg							
Surrogate: o-Terphenyl	44.0		"	39.9		110	50-200			
LCS (1504019-BS1)										
										Prepared: 21-Jan-15 Analyzed: 22-Jan-15
Diesel Range Organics (C10-C28)	491	30.0	mg/kg	500		98.3	38-132			
Surrogate: o-Terphenyl	43.5		"	40.0		109	50-200			
Matrix Spike (1504019-MS1)										
										Source: P501044-01 Prepared: 21-Jan-15 Analyzed: 22-Jan-15
Diesel Range Organics (C10-C28)	795	30.0	mg/kg	499	318	95.6	38-132			
Surrogate: o-Terphenyl	45.5		"	39.9		114	50-200			
Matrix Spike Dup (1504019-MSD1)										
										Source: P501044-01 Prepared: 21-Jan-15 Analyzed: 22-Jan-15
Diesel Range Organics (C10-C28)	753	30.0	mg/kg	499	318	87.2	38-132	5.37	20	
Surrogate: o-Terphenyl	42.7		"	40.0		107	50-200			

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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1504020 - Purge and Trap EPA 5030A										
Blank (1504020-BLK1)										
					Prepared: 21-Jan-15 Analyzed: 22-Jan-15					
Gasoline Range Organics (C6-C10)	ND	9.98	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.411		"	0.399		103	50-150			
LCS (1504020-BS1)										
					Prepared: 21-Jan-15 Analyzed: 22-Jan-15					
Gasoline Range Organics (C6-C10)	269	9.98	mg/kg	291		92.3	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.413		"	0.399		103	50-150			
Matrix Spike (1504020-MS1)										
					Source: P501044-01 Prepared: 21-Jan-15 Analyzed: 22-Jan-15					
Gasoline Range Organics (C6-C10)	397	10.0	mg/kg	292	154	83.3	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.447		"	0.400		112	50-150			
Matrix Spike Dup (1504020-MSD1)										
					Source: P501044-01 Prepared: 21-Jan-15 Analyzed: 22-Jan-15					
Gasoline Range Organics (C6-C10)	373	9.99	mg/kg	292	154	75.0	75-125	6.34	15	
Surrogate: 4-Bromochlorobenzene-FID	0.441		"	0.400		110	50-150			

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Ercana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook 102 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1505018 - 418 Freon Extraction										
Blank (1505018-BL.K1)				Prepared & Analyzed 28-Jan-15						
Total Petroleum Hydrocarbons	ND	34.9	mg/kg							
Duplicate (1505018-DUP1)				Source: P501060-02 Prepared & Analyzed 28-Jan-15						
Total Petroleum Hydrocarbons	25800	350	mg/kg		25400			1.82	30	
Matrix Spike (1505018-MS1)				Source: P501060-02 Prepared & Analyzed 28-Jan-15						
Total Petroleum Hydrocarbons	31300	350	mg/kg	2020	25400	296	80-120			SPK1

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Encana Oil & Gas USA 370 17th Street Denver CO, 80202	Project Name: Lybrook I02 Post Spill Sample Project Number: 11195-0042 Project Manager: Tucker Smith	Reported: 28-Jan-15 15:47
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Notes and Definitions

- SPK1 The spike recovery for this QC sample is outside of control limits
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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