## **Hydraulic Fracturing Fluid Product Component Information Disclosure**

Last Fracture Date:	December 03, 2012
Last Submission Date:	January 15, 2013
Province:	AB
AER Field Centre:	Drayton Valley
Surface location:	08-33-053-10W5
Well Licence Number:	0447201
Licensee Name:	Goose Creek Resources Ltd.
Unique Well Identifier:	00/09-33-053-10W5/2
Well Name:	BENTLEY HZ CHIP LK 9-33-53-10
Number of Stages:	2
Bottom Hole Latitude:	53.622692
Bottom Hole Longitude:	-115.403638
Lat/Long Projection:	NAD 83
Production Fluid Type:	Not Applicable
True Vertical Depth (TVD):	1,824.72
Total Water Volume (m3):	0

## **Hydraulic Fracturing Fluid Composition:**

Fracture Start/End Date:	Component Type	Trade Name	Supplier	Purpose	Ingredient/Family Name	CAS # / HMIRC #	in Component	Concentration in HFF (% by mass)
Dec 1 2012 - Dec 3 2012	CARRIER FLUID				N2	Not Available	100.000000%	7.500000%
	CARRIER FLUID				TG-740	Not Available	100.000000%	93.060000%
	PROPPANT	UNKNOWN	Trican		Sand	Not Available	100.000000%	7.375000%
	ADDITIVE	HB-4	Trican	Breaker	Breaker	Not Available	100.000000%	0.455055%
	ADDITIVE	HX-2W	Trican	Crosslinker	Crosslinker	Not Available	100.000000%	0.441060%
	ADDITIVE	Hg-2	Trican	Gelling Agent	Gellant	Not Available	100.000000%	0.463850%
	ADDITIVE	S-12	Trican	Surfactant	Surfactant	Not Available	100.000000%	0.156545%

## Comments:

Page: 1 of 2

<sup>\*</sup>Information provided in this form is submitted in accordance with the requirements of AER Directive 59 Well Drilling and Completion Data Filing Requirements.

<sup>\*</sup>Total Water Volume sources may include fresh water, produced water, recycled water, and/or other water types as listed in The "DDS Well Drilling Completion Data Submission System: A User Guide - Appendix D".

<sup>\*</sup>CAS # - Chemical Abstract Service Number. Individual chemical ingredients have a unique CAS #. Specific ingredient names are shown for each CAS #. "Not Available" indicates the ingredient CAS # is not available.

<sup>\*</sup>HMIRC # - Hazardous Material Information Review Commission (registry) number. The HMIRC # indicates the (hazardous) additive ingredient is considered to be confidential business information and is subject to a Hazardous Material Information Review Act claim exemption. General chemical family names are shown for each HMIRC #. "Not Available" indicates the ingredient HMIRC # is not available.

Page: 2 of 2