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Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

Chris Hines
EnCana Oil & Gas - Parachute, CO
143 Diamond Avenue
Parachute, CO 81635

Report Summary

Wednesday June 25, 2014

Report Number: L705576

Samples Received: 06/19/14

Client Project: K28NW

Description: K28NW Background

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jared Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-IN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/BIO041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

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REPORT OF ANALYSIS

June 25, 2014

Chris Hines
EnCana Oil & Gas - Parachute, CO
143 Diamond Avenue
Parachute, CO 81635

Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG01 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:10

ESC Sample # : L705576-01
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	5.8	2.0	mg/kg	6010B	06/24/14	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Description : K28NW Background
Sample ID : 20140618-K28NW BG01 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:10

ESC Sample # : L705576-02

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	6.5	2.0	mg/kg	6010B	06/24/14	1

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Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG01 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:10

ESC Sample # : L705576-03

Site ID : K28NW

Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	4.8	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG01 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:10

ESC Sample # : L705576-04
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	6.1	2.0	mg/kg	6010B	06/24/14	1

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Sample ID : 20140618-K28NW BG01 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:10

ESC Sample # : L705576-05
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	7.2	2.0	mg/kg	6010B	06/24/14	1

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Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG02 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:20

ESC Sample # : L705576-06
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	7.1	2.0	mg/kg	6010B	06/24/14	1

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Sample ID : 20140618-K28NW BG02 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:20

ESC Sample # : L705576-07
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	14.	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG02 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:20

ESC Sample # : L705576-08
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	8.4	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG02 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:20

ESC Sample # : L705576-09
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	18.	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG02 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:20

ESC Sample # : L705576-10
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	9.3	2.0	mg/kg	6010B	06/24/14	1

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Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG03 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:35

ESC Sample # : L705576-11
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	11.	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG03 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:35

ESC Sample # : L705576-12
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	9.2	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG03 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:35

ESC Sample # : L705576-13

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	14.	2.0	mg/kg	6010B	06/24/14	1

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143 Diamond Avenue
Parachute, CO 81635

June 25, 2014

Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG03 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:35

ESC Sample # : L705576-14

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	20.	2.0	mg/kg	6010B	06/24/14	1

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Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG03 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 10:35

ESC Sample # : L705576-15
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	19.	2.0	mg/kg	6010B	06/24/14	1

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June 25, 2014

Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG04 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:00

ESC Sample # : L705576-16

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	6.8	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG04 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:00

ESC Sample # : L705576-17
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	5.4	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG04 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:00

ESC Sample # : L705576-18
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	9.6	2.0	mg/kg	6010B	06/24/14	1

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Sample ID : 20140618-K28NW BG04 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:00

ESC Sample # : L705576-19
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	3.3	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG04 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:00

ESC Sample # : L705576-20
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	15.	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG05 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:10

ESC Sample # : L705576-21

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG05 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:10

ESC Sample # : L705576-22

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	2.0	mg/kg	6010B	06/24/14	1

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Description : K28NW Background
Sample ID : 20140618-K28NW BG05 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:10

ESC Sample # : L705576-23

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	2.0	mg/kg	6010B	06/24/14	1

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Reported: 06/25/14 08:14 Printed: 06/25/14 08:15



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859
Tax I.D. 62-0814289
Est. 1970

REPORT OF ANALYSIS

June 25, 2014

Chris Hines
EnCana Oil & Gas - Parachute, CO
143 Diamond Avenue
Parachute, CO 81635

Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG05 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:10

ESC Sample # : L705576-24
Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	2.0	mg/kg	6010B	06/24/14	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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REPORT OF ANALYSIS

Chris Hines
EnCana Oil & Gas - Parachute, CO
143 Diamond Avenue
Parachute, CO 81635

June 25, 2014

Date Received : June 19, 2014
Description : K28NW Background
Sample ID : 20140618-K28NW BG05 6-12IN
Collected By : Chance Wilhite
Collection Date : 06/18/14 11:10

ESC Sample # : L705576-25

Site ID : K28NW
Project # : K28NW

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Arsenic	BDL	2.0	mg/kg	6010B	06/24/14	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Summary of Remarks For Samples Printed
06/25/14 at 08:15:17

TSR Signing Reports: 358
R5 - Desired TAT

Log all PAHs as PAHSIM. Log all BTEX waters by 8260. Log ALL samples for EDD (COGCC EDD).

Sample: L705576-01 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-02 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-03 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-04 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-05 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-06 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-07 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-08 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-09 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-10 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-11 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-12 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-13 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-14 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-15 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-16 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-17 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-18 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-19 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-20 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-21 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-22 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-23 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-24 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14
Sample: L705576-25 Account: ENCANACO Received: 06/19/14 09:00 Due Date: 06/26/14 00:00 RPT Date: 06/25/14 08:14