APPENDIX C

Maxxam Analytics

Attention: BOB YEGGY
VARY PETRO CHEM
BROOKLYN, OHIO
11103 MEMPHIS AVENUE
BROOKLYN , OH
USA 44144

Report Date: 2009/03/09

Job/Sample	AnalysisType	Well Name/Sample ID	Sample Point
A908538/ N86680	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	SANDULATOR SAMPLE 1
A908538/ N86681	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	SANDULATOR SAMPLE 2
A908538/ N86682	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	POLISHER COMPOSITE
A908538/ N86683	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	PSV COMPOSITE #1
A908538/ N86684	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	CLEAN SAND COMPOSITE 1
A908538/ N86685	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	CLEAN SAND COMPOSITE 2
A908538/ N86686	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	MIDDLINGS - HOUR 2
A908538/ N86687	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	MIDDLINGS - HOUR 4
A908538/ N92529	Certificate of Analysis	VARY PETRO CHEM BROOKLYN, OH	PSV COMPOSITE #2

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

MICHELLE PARKER, Project Manager, Petroleum Customer Service
Email: michelle.parker@maxxamanalytics.com
Phone# (780) 378-8591

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

Report Distribution
1 Reports(A908538)BOB YEGGY VARY PETRO CHEM 11103 MEMPHIS AVENUE BROOKLYN , USA

Date of Issue 2009/03/09

All analyses are performed according to internal procedures that are based on current published reference methods.

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86680 Laboratory Number

VARY PETRO CHEM — Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH — Well Name

Initials of Sampler

VARY PETRO CHEM — Sampling Company

Field or Area

Pool or Zone

SANDULATOR SAMPLE 1 — Sample Point

PLASTIC — Container Identity

Percent Full

Test Recovery

Interval 1 — Interval 2 — Interval 3
From:
To:

Elevations (m)
KB GRD

Sample Gathering Point

Solution Gas

Test Type No. Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates
Water m3/d Oil m3/d Gas 1000m3/d

Gauge Pressures kPa
Source As Received

Temperature °C
Source As Received: 23.0

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	WH

PARAMETER DESCRIPTION	Result	unit	MDL
Dean Stark Analysis			
Mass Bitumen	19.05	g OSAMM Ch1 M1	0.01
Mass Solids	207.12	g OSAMM Ch1 M1	0.01
Mass Water	0.80	g OSAMM Ch1 M1	0.01
Mass Total	226.79	g OSAMM Ch1 M1	0.01

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86681 Laboratory Number

VARY PETRO CHEM — Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH — Well Name

Initials of Sampler

VARY PETRO CHEM — Sampling Company

Field or Area

Pool or Zone

SANDULATOR SAMPLE 2 — Sample Point

PLASTIC — Container Identity

Percent Full

Test Recovery

Interval 1 — Interval 2 — Interval 3
From:
To:

Elevations (m)
KB GRD

Sample Gathering Point

Solution Gas

Test Type No. Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates
Water m3/d Oil m3/d Gas 1000m3/d

Gauge Pressures kPa
Source As Received

Temperature °C
Source 23.0 As Received

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	WH

PARAMETER DESCRIPTION	Result	unit	MDL
Dean Stark Analysis			
Mass Bitumen	17.41	g OSAMM Ch1 M1	0.01
Mass Solids	195.63	g OSAMM Ch1 M1	0.01
Mass Water	0.69	g OSAMM Ch1 M1	0.01
Mass Total	212.35	g OSAMM Ch1 M1	0.01

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86682 Laboratory Number

VARY PETRO CHEM — Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH — Well Name

Initials of Sampler

VARY PETROCHEM — Sampling Company

Field or Area

Pool or Zone

POLISHER COMPOSITE — Sample Point

PLASTIC — Container Identity

Percent Full

Test Recovery

Interval 1 — From:

Interval 2 — To:

Interval 3

Elevations (m): KB, GRD

Sample Gathering Point

Solution Gas

Test Type No.

Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates: Water m3/d, Oil m3/d, Gas 1000m3/d

Gauge Pressures kPa: Source, As Received

Temperature °C: Source, As Received — 23.0

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	WH

PARAMETER DESCRIPTION	Result	unit	MDL
Dean Stark Analysis			
Mass Bitumen	146.1	g OSAMM Ch1 M1	0.01
Mass Solids	5.25	g OSAMM Ch1 M1	0.01
Mass Water	.05	g OSAMM Ch1 M1	0.01
Mass Total	146.78	g OSAMM Ch1 M1	0.01

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	Laboratory Number
			A908538:N86683

Operator Name: VARY PETRO CHEM
LSD:
Well ID:

Well Name: VARY PETRO CHEM BROOKLYN, OH
Initials of Sampler:
Sampling Company: VARY PETRO CHEM

Field or Area:
Pool or Zone:
Sample Point: PSV COMPOSITE #1
Container Identity: PLASTIC
Percent Full:

Test Recovery:
Sample Gathering Point:
Solution Gas:

Test Type No.:
Multiple Recovery:
Interval 1 — From: To:
Interval 2:
Interval 3:
Elevations (m): KB: GRD:
Well Fluid Status:
Well Status Mode:

Production Rates: Water m3/d: Oil m3/d: Gas 1000m3/d:
Gauge Pressures kPa: Source: As Received:
Temperature °C: Source: As Received: 23.0
Well Status Type:
Well Type:
Gas or Condensate Project:
Licence No.:

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	WH

PARAMETER DESCRIPTION	Result	unit	MDL
Dean Stark Analysis			
Mass Bitumen	168.17	g OSAMM Ch1 M1	0.01
Mass Solids	1.49	g OSAMM Ch1 M1	0.01
Mass Water	.49	g OSAMM Ch1 M1	0.01
Mass Total	169.84	g OSAMM Ch1 M1	0.01

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86684 Laboratory Number

VARY PETRO CHEM
Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH
Well Name

Initials of Sampler

VARY PETRO CHEM
Sampling Company

Field or Area

Pool or Zone

CLEAN SAND COMPOSITE 1
Sample Point

PLASTIC
Container Identity

Percent Full

Test Recovery

Interval 1 — Interval 2 — Interval 3
From:
To:

Elevations (m)
KB GRD

Sample Gathering Point

Solution Gas

Test Type No. Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates
Water m3/d Oil m3/d Gas 1000m3/d

Gauge Pressures kPa
Source As Received

Temperature °C
Source 23.0 As Received

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	EF

PARAMETER DESCRIPTION	Result	unit	MDL
Composition			
Inorganic Residue	83	wt% Gravimetric	1
Loss at 110 °C	17	wt% Gravimetric	1
Loss of Ignition at 550 °C	<1	wt% Gravimetric	1

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	
Client ID	
Meter Number	
Laboratory Number	A908538:N86685
Operator Name	VARY PETRO CHEM
LSD	
Well ID	
Well Name	VARY PETRO CHEM BROOKLYN, OH
Initials of Sampler	
Sampling Company	VARY PETRO CHEM
Field or Area	
Pool or Zone	
Sample Point	CLEAN SAND COMPOSITE 2
Container Identity	PLASTIC
Percent Full	
Test Recovery	
Sample Gathering Point	
Solution Gas	
Test Type / No. / Multiple Recovery	
Interval 1 / Interval 2 / Interval 3 — From: / To:	
Elevations (m) — KB / GRD	
Well Fluid Status	
Well Status Mode	
Production Rates — Water m3/d / Oil m3/d / Gas 1000m3/d	
Gauge Pressures kPa — Source / As Received	
Temperature °C — Source / As Received	23.0
Well Status Type	
Well Type	
Gas or Condensate Project	
Licence No.	
Date Sampled Start	
Date Sampled End	
Date Received	2009/02/26
Date Reported	2009/03/09
Date Reissued	2009/03/09
Analyst	EF

PARAMETER DESCRIPTION	Result	unit	MDL
Composition			
Inorganic Residue	79	wt% Gravimetric	1
Loss at 110 °C	21	wt% Gravimetric	1
Loss of Ignition at 550 °C	<1	wt% Gravimetric	1

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86686 Laboratory Number
VARY PETRO CHEM Operator Name		LSD	Well ID
VARY PETRO CHEM BROOKLYN, OH Well Name		Initials of Sampler	VARY PETRO CHEM Sampling Company
Field or Area	Pool or Zone	MIDDLINGS - HOUR 2 Sample Point	PLASTIC Container Identity / Percent Full

Test Recovery

Test Type No. / Multiple Recovery

Interval 1 / Interval 2 / Interval 3 — From: To:

Elevations (m) — KB / GRD

Sample Gathering Point / Solution Gas

Well Fluid Status / Well Status Mode

Production Rates — Water m3/d / Oil m3/d / Gas 1000m3/d

Gauge Pressures kPa — Source / As Received

Temperature °C — Source / As Received: 23.0

Well Status Type / Well Type

Gas or Condensate Project / Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	EF

PARAMETER DESCRIPTION	Result	unit	MDL
Properties			
Total Suspended Solids	4130	mg/L	2

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Visible hydrocarbon deposit noticed on walls of container, but amount is negligible.

Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N86687 Laboratory Number

VARY PETRO CHEM — Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH — Well Name

Initials of Sampler

VARY PETRO CHEM — Sampling Company

Field or Area

Pool or Zone

MIDDLINGS - HOUR 4 — Sample Point

PLASTIC — Container Identity

Percent Full

Test Recovery

Interval 1 / Interval 2 / Interval 3 — From: To:

Elevations (m) — KB / GRD

Sample Gathering Point

Solution Gas

Test Type No.

Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates — Water m3/d / Oil m3/d / Gas 1000m3/d

Gauge Pressures kPa — Source / As Received

Temperature °C — Source / As Received: 23.0

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	EF

PARAMETER DESCRIPTION	Result	unit	MDL
Properties			
Total Suspended Solids	820	mg/L	2

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks:

Sample contained some settled solids and suspended solids, however, the fluid component was very clear in appearance.

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RED DEER Bay #3, 4845 79 Street, Red Deer, Canada T4P 2T4 Tel: (403) 341-8811 Fax (403) 341-8815

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Maxxam Analytics

CERTIFICATE OF ANALYSIS

MaxxID	Client ID	Meter Number	A908538:N92529 Laboratory Number

VARY PETRO CHEM — Operator Name

LSD

Well ID

VARY PETRO CHEM BROOKLYN, OH — Well Name

Initials of Sampler

VARY PETRO CHEM — Sampling Company

Field or Area

Pool or Zone

PSV COMPOSITE #2 — Sample Point

PLASTIC — Container Identity

Percent Full

Test Recovery

Interval 1 — Interval 2 — Interval 3
From:
To:

Elevations (m)
KB GRD

Sample Gathering Point

Solution Gas

Test Type No. Multiple Recovery

Well Fluid Status

Well Status Mode

Production Rates
Water m3/d Oil m3/d Gas 1000m3/d

Gauge Pressures kPa
Source As Received

Temperature °C
Source As Received: 23.0

Well Status Type

Well Type

Gas or Condensate Project

Licence No.

Date Sampled Start	Date Sampled End	Date Received	Date Reported	Date Reissued	Analyst
		2009/02/26	2009/03/09	2009/03/09	WH

PARAMETER DESCRIPTION	Result	unit	MDL
Dean Stark Analysis			
Mass Bitumen	136.84	g OSAMM Ch1 M1	0.01
Mass Solids	.08	g OSAMM Ch1 M1	0.01
Mass Water	0.01	g OSAMM Ch1 M1	0.01
Mass Total	136.48	g OSAMM Ch1 M1	0.01

** Information not supplied by client – data derived from LSD information

Results relate only to items tested

Remarks: