

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
July 2006

APPLICATION FOR COMMINGLING OF  
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

Commingling ID # CO040805

Operator Information:

License #: 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Contact Person: John Niernberger  
Phone #: 316-691-9500

Well Information:

API #: 15 - 195-20418 00-01  
Lease Name: Spena B Well #: 1  
Spot: - SW - SE - SE Sec. 31 Twp. 11 S. R. 22  East  
County: Trego  West  
Feet from  North /  South Line of Section: 330  
Feet from  East /  West Line of Section: 660

1. Name and upper and lower limit of each production interval to be commingled:

Formation: Toronto (Perfs): 3663' - 3666'  
Formation: LKC (Perfs): 3679'-3686'; 3722'-3725'; 3733'-3737'; 3753'-3758'  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:

Formation: <u>Toronto</u>	BOPD: <u>1.05</u>	MCFPD: _____	BWPD: <u>8.18</u>
Formation: <u>LKC</u>	BOPD: <u>1.43</u>	MCFPD: _____	BWPD: <u>20.34</u>
Formation: _____	BOPD: _____	MCFPD: _____	BWPD: _____
Formation: _____	BOPD: _____	MCFPD: _____	BWPD: _____
Formation: _____	BOPD: _____	MCFPD: _____	BWPD: _____

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

- 5. Wireline log of subject well.
- 6. Complete Form ACO-1 (Well Completion form) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- \_\_\_\_\_ 5. Well construction diagram of subject well.
- \_\_\_\_\_ 6. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

State of Kansas )  
County of Sedgewick )

ss:

VERIFICATION: I hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Signature: [Signature]

Printed Name: John C. Niernberger

Title: Production Manager

Subscribed & sworn to before me this 22nd day of April, 20 08

Notary Public: [Signature]

My Commission Expires: 5-4-11

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

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KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

DEBRA K. PHILLIPS  
Notary Public - State of Kansas  
My Appt. Expires 5-4-11

KCC Office Use Only

Denied  Approved

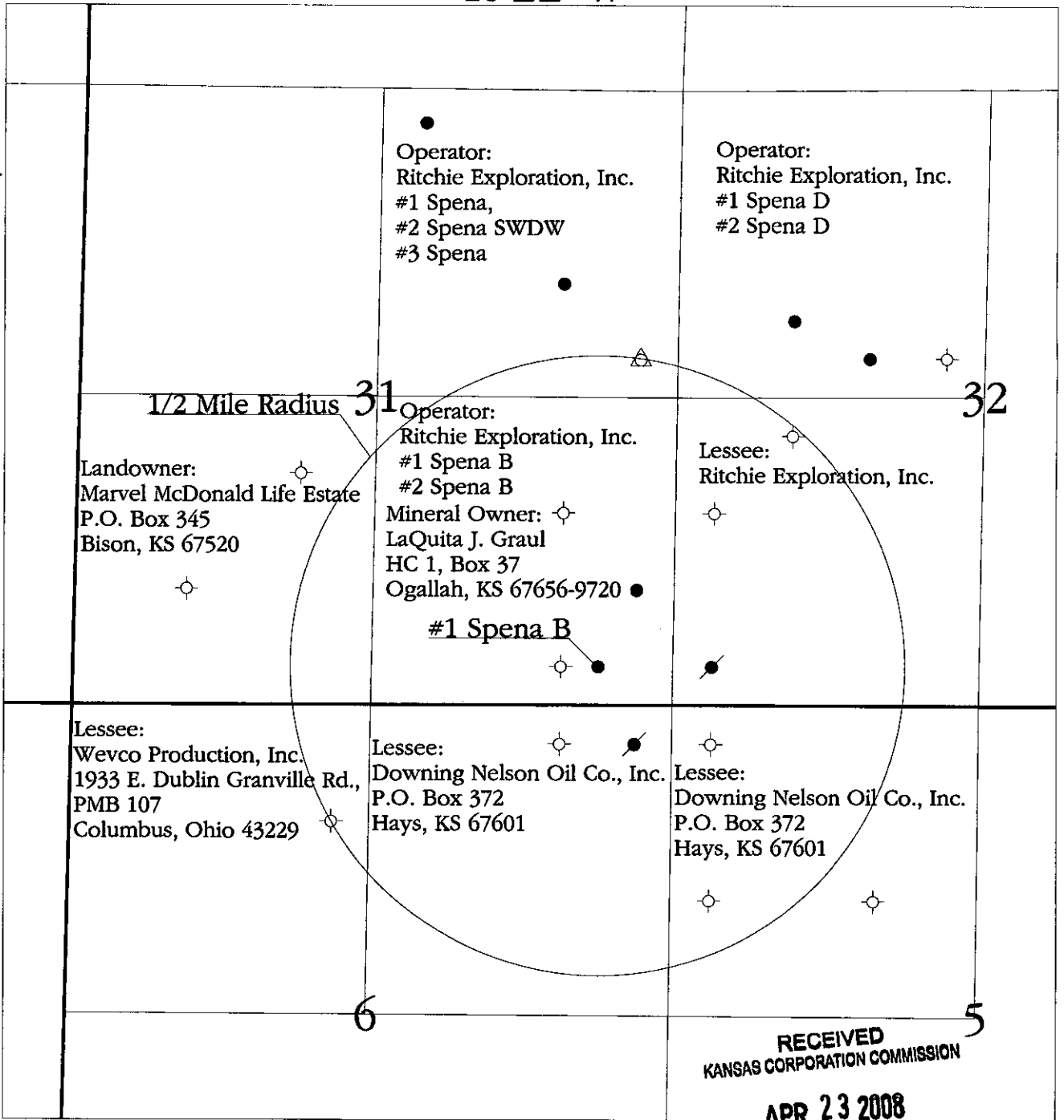
KCC Date Received: 4/23/08 15-Day Periods Ends: 5/13/08

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

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APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

Legend

- Oil Well
- Abandoned Oil Well
- Dry and Abandoned Well
- △ Service Well



**RITCHIE**  
EXPLORATION, INC.  
Wichita, Kansas

**Application for  
Commingling of  
Production or Fluids**

**Applicant Well: #1 Spena B**  
**Name and Address of Lessee of Record, Operator, or  
 Mineral Owner on Offsetting Leases within 1/2 Mile Radius**  
**All Wells on Offsetting Leases**

**Trego County, Kansas**

Prepared By: Justin Clegg	Scale: 1 : 15,840	Date: April 22, 2008
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**APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS**

**Operator, Lessee or Unleased Mineral Owner  
within a ½ mile radius of Ritchie Exploration, Inc.'s**

**#1 Spena B  
S/2SE/4SE/4  
Section 31-11S-22W  
Trego Co., KS**

**Township 11 South, Range 22 West**

Sec. 31:	NE/4	Ritchie Exploration, Inc.	Operator: #1 Spena Operator: #2 Spena SWDW Operator: #3 Spena
	SE/4	Ritchie Exploration, Inc.	Operator: #1 Spena B Operator: #2 Spena B
		LaQuita J. Graul HC 1, Box 37 Ogallah, KS 67656-9720	Mineral Owner
	SW/4	Marvel McDonald Life Estate P.O. Box 345 Bison, KS 67520	Landowner
Sec. 32:	NW/4	Ritchie Exploration, Inc.	Operator: #1 Spena D Operator: #2 Spena D
	SW/4	Ritchie Exploration, Inc.	Lessee

**Township 12 South, Range 22 West**

Sec. 5:	NW/4	Downing Nelson Oil Co., Inc. P.O. Box 372 Hays, KS 67601	Lessee
Sec. 6:	NE/4	Downing Nelson Oil Co., Inc.	Lessee
	NW/4	Wevco Production, Inc. 1933 E. Dublin Granville Rd., PMB 107 Columbus, Ohio 43229	Lessee

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APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS



April 22, 2008

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KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

LaQuita J. Graul  
HC 1, Box 37  
Ogallah, KS 67656-9720

To Whom It May Concern:

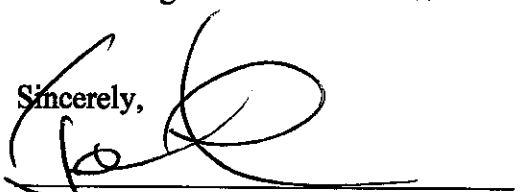
Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Toronto and Lansing-Kansas City sources of supply for the #1 Spena B well, located in the center of S/2 SE SE, Sec. 31-11S-22W, Trego County, Kansas.

All oil/gas operators in Kansas are required by the Kansas Corporation Commission Regulations #82-3-123a and #82-3-135a(b) to notify each operator, lessee, or unleased mineral owner within one-half mile radius of the subject well.

No response is required, but if you should have a valid protest, it should be directed to the KCC office in Wichita, Kansas.

If you have any questions, please feel free to call John Niernberger at 316-691-9500.  
Thanks for your time.

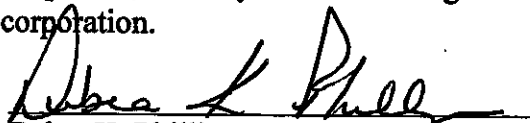
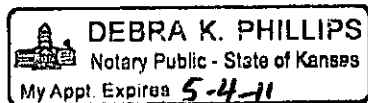
Sincerely,

  
John Niernberger, Production Manager

Date this application and certificate was mailed : 4/22/2008

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

This instrument was acknowledged before me on April 22, 2008 by John Niernberger as Production Manager of Ritchie Exploration, Inc., on behalf of said corporation.

  
Debra K. Phillips, Notary Public  
My commission expires: 5/4/2011

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



April 22, 2008

Marvel McDonald Life Estate  
P.O. Box 345  
Bison, KS 67520

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

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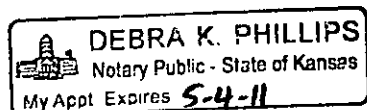
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Wichita, Kansas 67226-2328



April 22, 2008

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

Downing Nelson Oil Co., Inc.  
P.O. Box 372  
Hays, KS 67601

To Whom It May Concern:


Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Toronto and Lansing-Kansas City sources of supply for the #1 Spena B well, located in the center of S/2 SE SE, Sec. 31-11S-22W, Trego County, Kansas.

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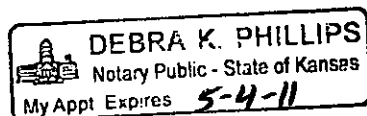
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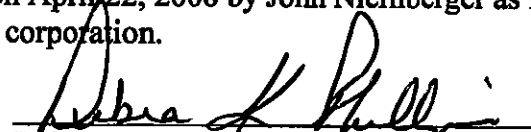
  
John Niernberger, Production Manager

Date this application and certificate was mailed : 4/22/2008

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

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Debra K. Phillips, Notary Public  
My commission expires: 5/4/2011

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[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



April 22, 2008

Wevco Production, Inc.  
1933 E. Dublin Granville Rd, PMB 107  
Columbus, OH 43229

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KANSAS CORPORATION COMMISSION

APR 23 2008

CONSERVATION DIVISION  
WICHITA, KS

To Whom It May Concern:

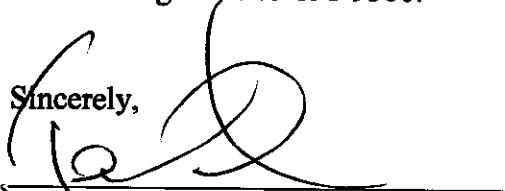
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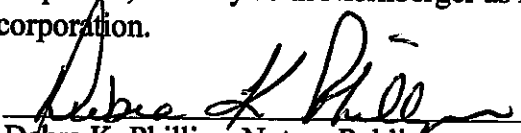
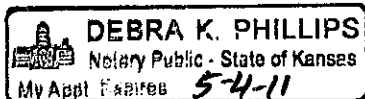
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John Niernberger, Production Manager

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STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

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My commission expires: 5/4/2011

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Wichita, Kansas 67226-2328

**AFFIDAVIT**

STATE OF KANSAS \  
- SS.  
County of Sedgwick /

Nicole Mandina, of lawful age, being first duly sworn, deposeth and saith: That she is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for  1  issues - weeks, that the first publication of said notice was

made as aforesaid on the  28th  of

April  A.D.  2008 , with

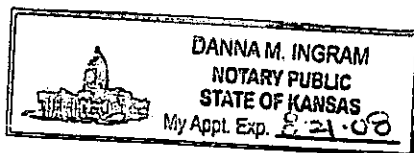
subsequent publications being made on the following dates:

And affiant further says that she has personal knowledge of the statements above set forth and that they are true.

Subscribed and sworn to before me this

28th day of April, 2008

Notary Public Sedgwick County, Kansas



Printers Fee:  \$64.00

**LEGAL PUBLICATION**

Published in the Wichita Eagle on April 28, 2008 (2823605)

**LEGAL NOTICE**

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Toronto and Lansing-Kansas City sources of supply in the #1 Spena B well, located in the center of S/2 SE SE, Sec. 31-11S-22W, Trego County, Kansas. Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of the publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing. All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly. RITCHIE EXPLORATION, INC. P.O. Box 783188 Wichita, KS 67278-3188 (316) 691-9500

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 14 2008

CONSERVATION DIVISION  
WICHITA, KS



STATE OF KANSAS,  
COUNTY OF TREGO, ss.

Jerry L. Millard, of lawful age, being duly sworn upon oath states that he is the Publisher of

THE WESTERN KANSAS WORLD

A weekly newspaper printed in the State of Kansas, and published in and of general circulation in Trego County, Kansas, with a generally paid circulation on a yearly basis in Trego County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly published at least 50 times a year; has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of WaKeeney, Kansas in said county as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for

one consecutive weeks, the first publication thereof being made as aforesaid on the

1 day of May, 2008, with subsequent publications being made on the following dates:

- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_
- \_\_\_\_\_, 20\_\_\_\_

Sign Jerry L. Millard

Subscribed and sworn before this 9th day of May, 2008.

**KAREN K. LITTLECHILD**  
Notary Public - State of Kansas  
My Appt. Expires 10-09-09

Karen K. Littlechild  
Notary Public

My Commission expires: 10-09-09

Printer's Fee \$ \_\_\_\_\_

Additional copies \$ \_\_\_\_\_

**AFFIDAVIT OF PUBLICATION**

(First published in the Western Kansas World, Thursday, May 1, 2008)

**LEGAL NOTICE**

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Toronto and Lansing-Kansas City sources of supply in the #1 Spena B well, located in the center of S/2 SE SE, Sec. 31-11S-22W, Trego County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of the publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the state of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

**RITCHIE EXPLORATION, INC.**

P.O. Box 783188  
Wichita, KS 67278-3188  
(316) 691-9500

9-1tc

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 14 2008

CONSERVATION DIVISION  
WICHITA, KS



Kathleen Sebelius, Governor  
Thomas E. Wright, Chairman  
Michael C. Moffet, Commissioner  
Joseph F. Harkins, Commissioner

May 16, 2008

John Niernberger  
Ritchie Exploration, Inc.  
PO Box 783188  
Wichita, KS 67278-3188

**RE: Approved Commingling CO040805  
Spena B #1, Sec. 31-T11S-R22W, Trego County, Kansas  
API No. 15-195-20418-00-01**

Dear Mr. Niernberger:

Your "Application for Commingling" (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per **K.A.R. 82-3-123a**. Notice was examined and found to be proper per **K.A.R. 82-3-135a**. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on **April 23, 2008** concerns approval to simultaneously produce from the following **two** sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Toronto	1.05	0	8.18	3663-3666
LKC	1.43	0	20.34	3679-3758
Total Estimated Current Production	2.48	0	28.52	

Based upon the depth of the **LKC** formation perforations, total oil production shall not exceed **100 BOPD** and total gas production shall not exceed **50%** of the absolute open flow (AOF).

Docket Number **CO040805** has been assigned to this approved application. Please use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann  
Production Department