

## COMINGLING 82-3-123

OPERATOR Ritchie Exploration, Inc. DOCKET # Co 040503 DATE \_\_\_\_\_  
 ADDRESS P.O. Box 783188 OPERATOR LICENSE # 4767  
Wichita, KS 67278-3188 API NO. 15 - 065-21998 -00-02  
 LEASE Carl Boys WELL NO. 1  
 QUARTER SW NW SW SEC 8 TWP 6 RGE 21  E  W

1. Description of the well.  
 A plat showing:  
 a) Location of subject well.  
 b) Location of other wells on the lease.  
 c) Location of offsetting wells and operator's name.

2. Name and upper and lower limits of the source of supply involved.

(NAME) <u>Oread B</u>	(PERFS) <u>3362.5' - 3366.5'</u>
(NAME) <u>Toronto</u>	(PERFS) <u>3413.5' - 3416.5'</u>
(NAME) <u>LKC</u>	(PERFS) <u>3430.5' - 3618'</u>
(NAME) _____	(PERFS) _____

3. Wireline log of the subject well.

4. A completed ACO-1 form

5. Expected production, oil-gas-water, for each source of supply.

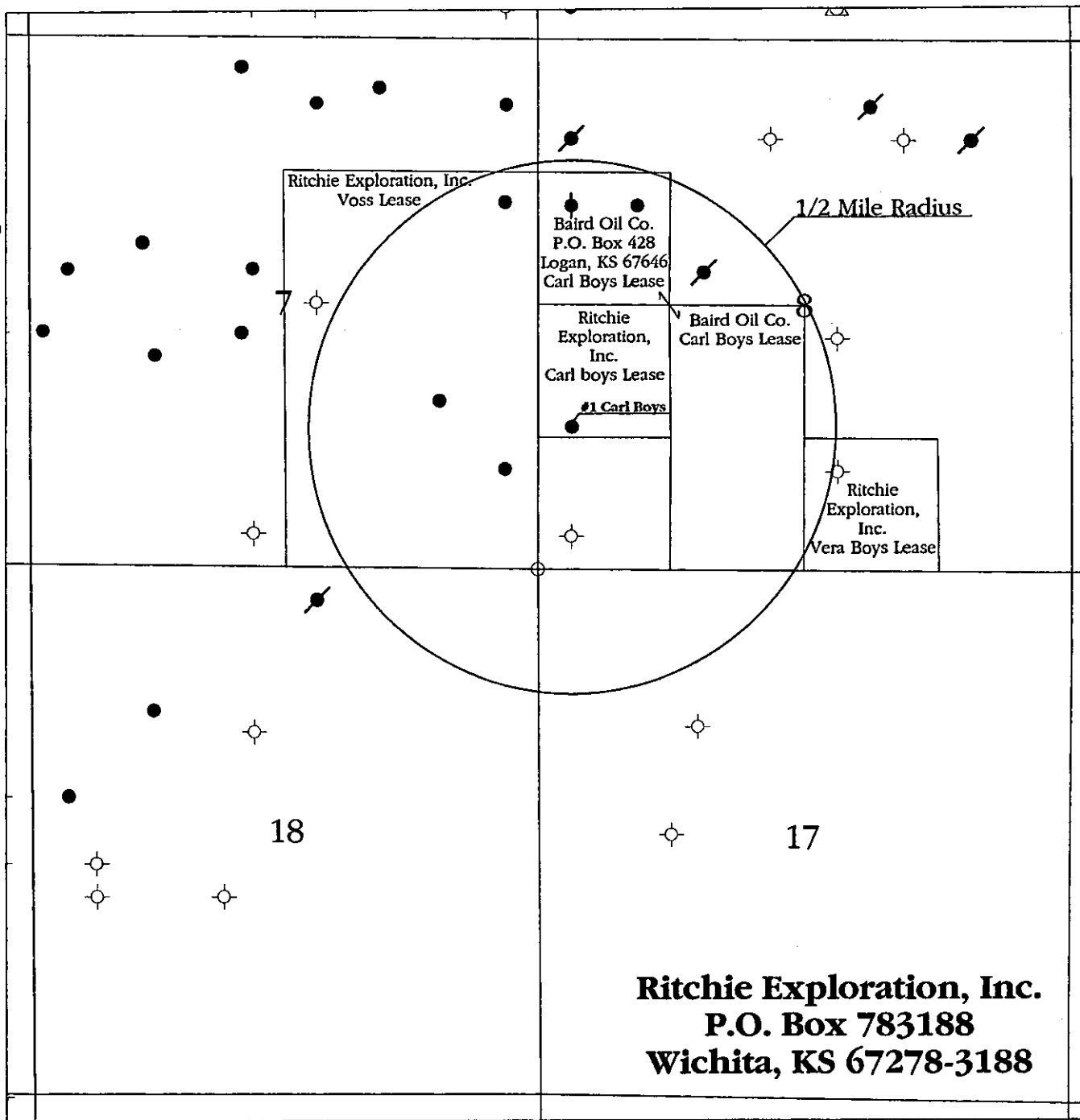
FORMATION <u>Oread B</u>	BOPD <u>6.43</u>	MCF <u>0.00</u>	BWPD <u>0.26</u>
FORMATION <u>Toronto</u>	BOPD <u>5.56</u>	MCF <u>0.00</u>	BWPD <u>3.14</u>
FORMATION <u>LKC</u>	BOPD <u>7.53</u>	MCF <u>0.00</u>	BWPD <u>3.20</u>
FORMATION _____	BOPD _____	MCF _____	BWPD _____
FORMATION _____	BOPD _____	MCF _____	BWPD _____
<b>ESTIMATED COMBINED TOTAL</b>	<b>BOPD <u>19.52</u></b>	<b>MCF <u>0.00</u></b>	<b>BWPD <u>6.60</u></b>

6. Application shall be supported by an affidavit and shall contain a certificate showing service of a copy of the application without attachments to the offsetting operators. You are responsible for this. Unless waivers are obtained, applications are held for fifteen days to give the offsetting operators time to file objections. If waivers are obtained, applications can be processed immediately. If objections are filed, applications are set for hearing.

**RECEIVED**  
**APR 08 2005**  
**KCC WICHITA**

R 21 W

S 6 H



**Ritchie Exploration, Inc.**  
**P.O. Box 783188**  
**Wichita, KS 67278-3188**

**Legend**

- Abandoned Oil Well
- Temporarily Abandoned Oilwell
- Oil Well
- Dry and Abandoned Well

**Ritchie Exploration, Inc.**

**#1 Carl Boys Commingle Application**  
**Lease Holders Within 1/2 Mile Radius**  
**Sec 8-6S-21W; Graham County, Kansas**

Author: Justin Clegg	Scale: 1 : 18,500	Date: 1 April, 2005
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**APR 08 2005**  
**KCC WICHITA**



April 4, 2005

Baird Oil Co.  
P.O. Box 428  
Logan, KS 67646

To Whom It May Concern:


Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Oread B, Toronto, and Lansing/Kansas City sources of supply for the Carl Boys #1 well in SW NW SW of Section 08-06S-21W in Barton 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 the undersigned or John Niernberger at 316-691-9500. Thank you.

Sincerely,

  
Jennifer Foss  
Production Assistant

jlf

Enclosures

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KCC WICHITA

7004 3350 0005 5000 0557 4002

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<b>Total Postage &amp; Fees</b>	<b>\$ 4.42</b>

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Here  
APR 08 2005

Sent To **Board of Education**

Street, Apt. No.,  
or PO Box No. **Box 428**

City, State, ZIP+4  
**Logan, KS 67646**

PS Form 3800, June 2002 (See Reverse for Instructions)

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APR 08 2005  
KCC WICHITA

Carl Bous #1



March 28, 2005

State Corporation Commission  
Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

**RE: #1 Carl Boys  
SW NW SW  
Sec. 08-06S-21W  
Graham County, Kansas**

To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s Commingling Application (Form ACO-4) for the above referenced well. Enclosed are the required attachments. We are requesting the information be held confidential for maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Foss", with a horizontal line extending to the right.

Jennifer Foss  
Production Assistant

jlf

Enclosures

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APR 08 2005  
KCC WICHITA

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 4767  
 Name: Ritchie Exploration, Inc.  
 Address: P. O. Box 783188  
 City/State/Zip: Wichita, KS 67278-3188  
 Purchaser: NCRA  
 Operator Contact Person: John Niernberger **RECEIVED**  
 Phone: (316) 691-9500 **MAR 24 2005**  
 Contractor: Name: \_\_\_\_\_  
 License: \_\_\_\_\_ **KCC WICHITA**  
 Wellsite Geologist: \_\_\_\_\_  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
 If Workover/Re-entry: Old Well Info as follows:  
 Operator: A. SCOTT RITCHIE  
 Well Name: CARL BOYS #1  
 Original Comp. Date: 7-20-84 Original Total Depth: 3702  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  

<u>9/17/04</u>	<u>9/23/04</u>	<u>9/24/04</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 065-21998-00-02  
 County: Graham  
 \_\_\_\_\_ SW \_\_\_\_\_ NW \_\_\_\_\_ SW Sec. 8 Twp. 6 S. R. 21  East  West  
1410' feet from (S) / N (circle one) Line of Section  
340' feet from E / (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Carl Boys Well #: 1  
 Field Name: Boys South  
 Producing Formation: Oread B, Toronto, LKC  
 Elevation: Ground: 2189' Kelly Bushing: 2194'  
 Total Depth: 3702' Plug Back Total Depth: 3636'  
 Amount of Surface Pipe Set and Cemented at 259' Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1809 Feet  
 If Alternate II completion, cement circulated from 1809'  
 feet depth to surface w/ 180 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
 Title: Production Manager Date: 03/23/05  
 Subscribed and sworn to before me this 23 day of March  
05  
 Notary Public: Jennifer L. Foss  
 Date Commission Expires: 10-14-07

**JENNIFER L. FOSS**  
 Notary Public - State of Kansas  
 My Appt. Expires 10-14-07

**KCC Office Use ONLY**

YES Letter of Confidentiality Received  
 If Denied, Yes  Date: 3-25-2005  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Carl Boys Well #: 1  
 Sec. 8 Twp. 6 S. R. 21  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 (See Attached Document)

List All E. Logs Run:

R.A. Guard Log

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 MAR 24 2005  
 KCC WICHITA

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	259'	Common quickset	180	none
Production	7 7/8"	5 1/2"	14#	3702'	60/40 pozmix	250	10% salt, 3%
						Gilsonite	& 20 bbls prefl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2,2	3616-3618 & 3604-3608 (LKC 200,220) 7/84	1000 gals 28% acid	
2,2	3585-3588 & 3553-3555 (LKC 180,140) 7/84	1200 gals 28% acid & plug agent	
2,2,2	3487-3490,3461-3465,3430.5-3434 (LKC 50,35,Top) 7/84	1350 gals 58% acid & plug agent, 750 gals 28% acid	
3,3	3413.5'-3416.5'(Toronto), 3362.5-3366.5(Oread B) 9/90	750 gals 15% NE acid, 450 gals 15% NE acid	
	CIBP @ 3385' (9/90) **Drilled Out 9/04		

TUBING RECORD	Size 2 7/8"	Set At 3633'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 9/24/04	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 19.52	Gas Mcf	Water Bbls. 6.60	Gas-Oil Ratio	Gravity
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Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR

BRIAN J. MOLINE, CHAIR

ROBERT E. KREHBIEL, COMMISSIONER

MICHAEL C. MOFFET, COMMISSIONER

May 11, 2005

Jennifer Foss  
Ritchie Exploration, Inc.  
PO Box 783188  
Wichita, KS 67278-3188

RE: **API No. 15-065-21998-00-02**  
**Carl Boys #1**  
**SW NW SW, 8-6-21W**  
**Graham County, Kansas**

Dear Ms. Foss:

Your "Application for Commingling" (ACO-4) for the above described well has been technically reviewed and approved by the Kansas Corporation Commission (KCC) per **K.A.R. 82-3-123a**. This application, which was received by the KCC on **April 18, 2005**, concerns approval to simultaneously produce from the following **three** sources of supply through the same tubing string in the same wellbore: the **Oread "B", Toronto and Lansing-Kansas City**.

According to your application, the estimated current production from each source of supply is: **6.43 BOPD and 0.26 BWPD from the Oread "B", 5.56 BOPD and 3.14 BWPD from the Toronto, and 7.53 BOPD and 3.20 BWPD from the Lansing-Kansas City**. The total estimated current production from all sources of supply in the subject well is **19.52 BOPD and 6.6 BWPD**. Included in this application was operator verification that the offset operators had been formally notified of this application. No protest had been filed within the 15-day protest period.

Based upon the depth of the **Lansing-Kansas City** formation perforations, total oil production shall not exceed **100 BOPD** and total gas production shall not exceed **50%** of open flow. Docket Number **CO 040503** 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,



Bob Petersen

Geologist/KCC Production

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