

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a) *Commingling ID #* _____

OPERATOR: License # _____ API No. 15 - _____
Name: _____ Spot Description: _____
Address 1: _____ - - - - - Sec. _____ Twp. _____ S. R. _____ East West
Address 2: _____ Feet from North / South Line of Section
City: _____ State: _____ Zip: _____ + _____ Feet from East / West Line of Section
Contact Person: _____ County: _____
Phone: (_____) _____ Lease Name: _____ Well #: _____

1. Name and upper and lower limit of each production interval to be commingled:
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
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. Previously Filed with ACO-1: Yes No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

AFFIDAVIT: I am the affiant and 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.

Submitted Electronically

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

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.

AFFIDAVIT

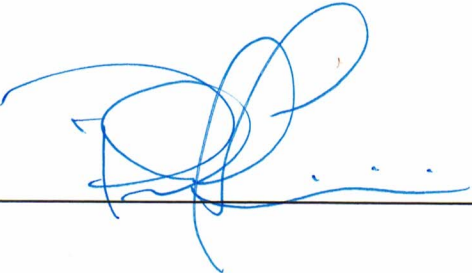
STATE OF KANSAS)
 - SS.
County of Sedgwick)

Peter Fiorini, of lawful age, being first duly sworn, deposeth and saith: That he is Production Manager of Ritchie Exploration, County of Sedgwick, State of Kansas, and that notice was given to all lessee of record or operator within ½ mile radius of the CKG-Schiltz #1 well located in the County of Sheridan (see attached plat map). This notice included a letter regarding commingling of production application. All notices were mailed on December 3, 2020.

made as aforesaid on the 3rd of

December A.D. 2020

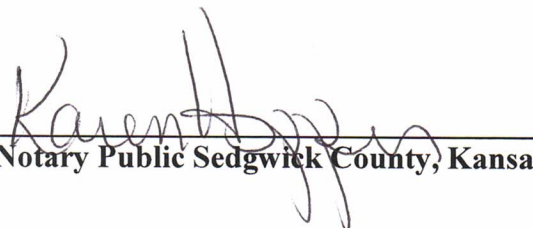
And affiant further says that he has personal knowledge of the statements above set forth and that they are true.



Subscribed and sworn to before me this

3rd day of December 2020





Notary Public Sedgwick County, Kansas

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

CONFIDENTIAL WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ 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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	CKG-SCHILTZ 1
Doc ID	1427769

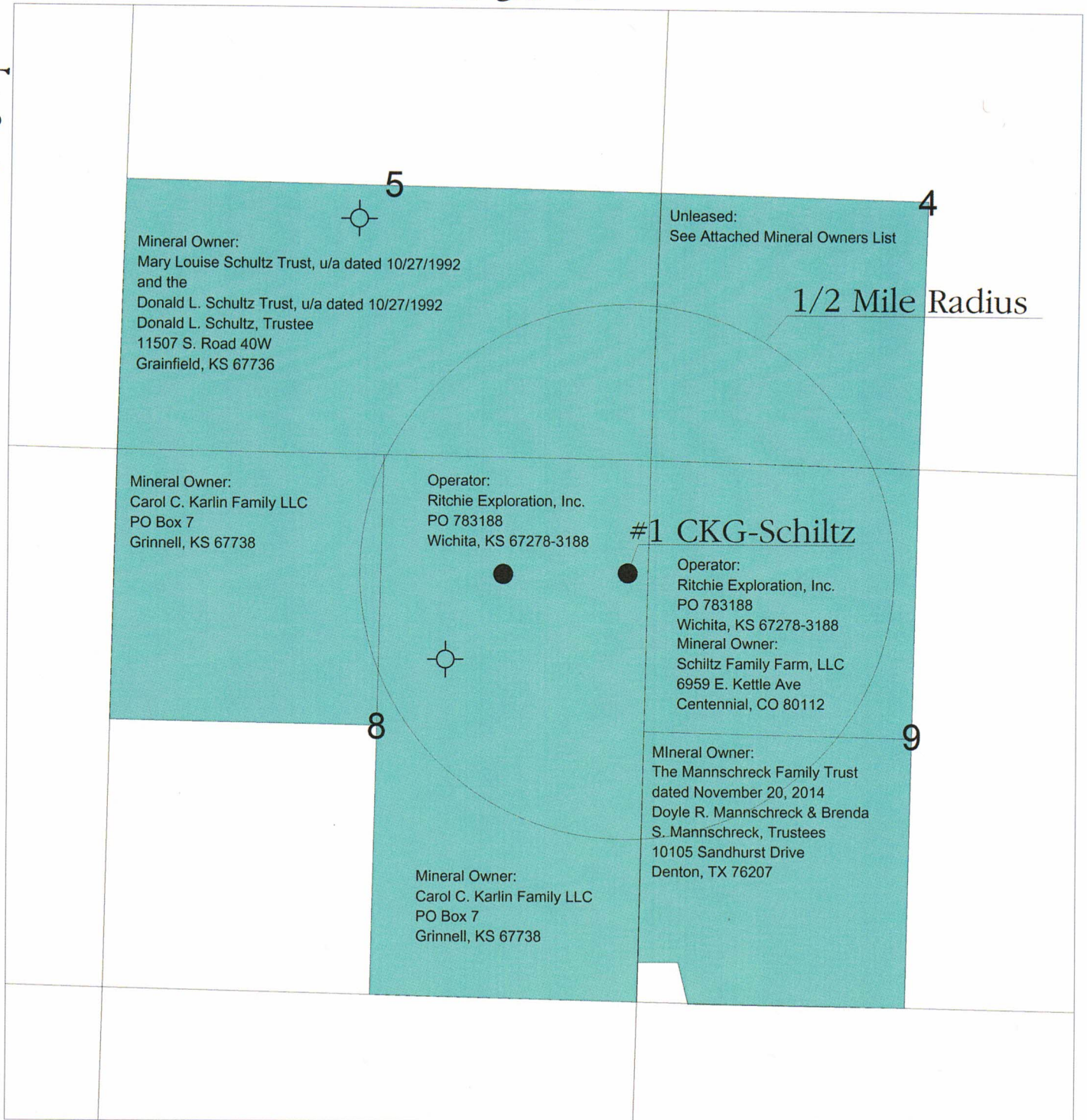
Tops

Name	Top	Datum
Anhydrite	2566	+385
B/Anhydrite	2598	+353
Topeka	3758	-807
Heebner	3974	-1023
Toronto	3995	-1044
Lansing	4013	-1062
Muncie Shale	4131	-1180
LKC H	4146	-1195
Stark Shale	4209	-1258
Hush	4240	-1289
BKC	4266	-1315
Marmaton	4293	-1342
Altamont	4337	-1386
Pawnee	4379	-1428
Fort Scott	4457	-1506
Cherokee	4487	-1534
Mississippian	4571	-1620


Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	CKG-SCHILTZ 1
Doc ID	1427769

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4084	4088			300 Gal 15% MCA
4	4058	4062			
4	4015	4018			
4	4000	4002			
4	4046	4050			5/9/12 - Sqz w/150 scks com 5/24/12
4	4046	4049			5/21/12 - 500 gals 15% NE



- Legend**
- Oil Well
 - ⊕ Dry and Abandoned Well

 <p>RITCHIE EXPLORATION, INC. Wichita, Kansas</p>	<p>Application for Commingle of Production or Fluids</p>	
	<p>Applicant Well: #1 CKG-Schiltz API: 15-179-21299-0000 All Wells within 1/2 Mile Radius Name and Address of Lessee of Record, Operator, or Unleased Mineral Owner</p>	
<p>Sheridan County, Kansas</p>		
Prepared By: Justin Clegg	Scale: 1 : 17,500	Date: November 17, 2020

APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#1 CKG-Schiltz
1120' FNL & 200' FEL
Section 8-9S-30W
Sheridan Co., KS**

Township 9 South, Range 30 West

Sec. 4:	SW/4	Cody L. Baalman 11959 W. Road 70 S Menlo, KS 67753	Mineral Owner
		Kelly M. Schiltz & Bonnie Schiltz 12967 W Road 50 S Menlo, KS 67753	Mineral Owners
		Kevin G. Schiltz 107 Cherry Ave. Oakley, KS 67748	Mineral Owner
		Kendra C. Hartman & Joseph B. Hartman 6959 E. Kettle Ave. Centennial, CO 80112	Mineral Owner
		Kristen S. Ostmeier & Steven A. Ostmeier 2870 N. Range Ave. Colby, KS 67701	Mineral Owners
		Danna Wilmeth 1908 Dolphin Dr. Portland, TX 78374	Mineral Owner
		Donald L. Hazlatt & LaCretrica Hazlett P.O. Box 947 Colby, KS 67701	Mineral Owners
		Cynthia Mason Joan Schiltz Michael Schiltz, A-I-F 310 E. 6th St. Selden, KS 67757	Mineral Owners

Sec. 4:	SW/4	<p>Patricia Louise Harris, Teresa Lynn Mohon, John Moorehouse, Kathleen Anne Coulter, Michael L. Moorehouse, Angela D. Peterson, Julie Marie Pilgrim David J. Moorehouse, A-I-F 232 Wagon Trail Alabaster, AL 35007</p> <p>David J. Moorehouse 232 Wagon Trail Alabaster, AL 35007</p> <p>Julie Marie Pilgrim 303 King's Road LaFayette, LA 70503</p>	<p>Mineral Owners</p> <p>Mineral Owner</p> <p>Mineral Owner</p>
Sec. 5:	S/2	<p>Mary Louise Shultz Trust, u/a dated 10/27/1992 and the Donald L. Schultz Trust, u/a dated 10/27/1992 Donald L. Shultz, Trustee 11507 S. Road 40W Grainfield, KS 67736</p>	<p>Mineral Owners</p>
Sec. 8:	NW/4	<p>Carol C. Karlin Family LLC PO Box 7 Grinnell, KS 67738</p>	<p>Mineral Owner</p>
	E/2	<p>Ritchie Exploration, Inc. P.O. Box 783188 Wichita, KS 67278-3188</p> <p>Carol C. Karlin Family LLC</p>	<p>Operator: #1 CKG, #1 CKG-Schiltz</p> <p>Mineral Owner (#1 CKG-Schiltz)</p>
Sec. 9:	NW/4	<p>Ritchie Exploration, Inc.</p> <p>Schiltz Family Farm, LLC 6959 E Kettle Ave Centennial, CO 80112</p>	<p>Operator: #1 CKG-Schiltz</p> <p>Mineral Owner (#1 CKG-Schiltz)</p>
	SW/4, less a tract	<p>The Mannschreck Family Trust dated November 20, 2014 Doyle R. Mannschreck & Brenda S. Mannschreck, Trustees 10105 Sandhurst Drive Denton, TX 76207</p>	<p>Mineral Owner</p>

The Sheridan Sentinel
PROOF OF PUBLICATION

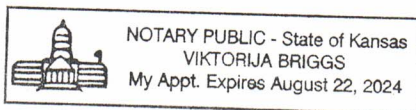
STATE OF KANSAS, SHERIDAN COUNTY, SS:

RACHEL FARBER, being first duly sworn, says she is the Authorized Agent of THE SHERIDAN SENTINEL, which is a weekly newspaper, printed and of general circulation in said County of Sheridan, State of Kansas; and that the attachment hereto contains a true and correct copy of what was published in said legal newspaper in consecutive issues on the following dates:

Publication being on the 5th day of November, 20 20
Publication Fee \$ 47.20

Rachel Farber
(Signature)

SUBSCRIBED AND SWORN TO before me this 5th day of November 20 20



Viktorija Briggs
(Signature)

(Published in The Sheridan Sentinel November 5, 2020)

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 for the #1 CKG-Schlitz well located approx. SE NE NE of Section 8-9S-30W, Sheridan 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 thirty (30) 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



AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Depth
453699	0004798000	LEGAL NOTICE You, and each of you, are hereby	#1 CKG-Schlitz	\$196.44	1	3.20 In

Attention: Karen Hopper

RITCHIE EXPLORATION INC
P O BOX 783188
WICHITA, KS 672783188

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 for the #1 CKG-Schlitz well located approx. SE NE NE of Section 8-9S-30W, Sheridan County, Kansas.

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

In The STATE OF KANSAS
In and for the County of Sedgwick
AFFIDAVIT OF PUBLICATION

1 Insertions

Beginning issue of: 11/01/2020

Ending issue of: 11/01/2020

STATE OF KANSAS)
.SS
County of Sedgwick)

VICTORIA RODELA, of lawful age, being first duly sworn, deposeth and saith: That he 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 from 11/1/2020 to 11/01/2020.

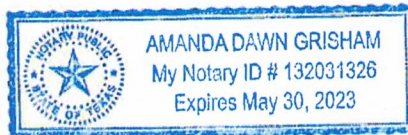
I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

V Rodela

Signature of Principal Clerk

DATED: 12/3/2020

AMANDA DAWN GRISHAM
My Notary ID # 132031326
Expires May 30, 2023



Notary Public Dallas County, Texas

Extra charge for lost or duplicate affidavits.
Legal document please do not destroy!

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

December 21, 2020

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

RE: Approved Commingling CO122001
CKG-Schiltz 1
API No. 15-179-21299-00-01

Dear Mr. Fiorini:

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. 82-3-123. 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.

Based upon the depth of the L/KC formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Sincerely,

Rick Hestermann
Production Department