Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1249598

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

	WELL HISTORY -	DESCRIPTION OF	WELL & LEASE
--	----------------	----------------	--------------

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:     SWD Permit #:	
ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date Recompletion Date	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				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

# 

1249598

Operator Nar	me:					Lease Nam	1e:		_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 Taker (Attach Additional S		Yes No		Log Formation (Top), Depth and Datum Sampl			
Samples Sent to Geo	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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 / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydrau	0			Yes		o questions 2 an	d 3)
		Iraulic fracturing treatment ex n submitted to the chemical o		? Yes Yes		o question 3) out Page Three o	of the ACO-1)
Shots Per Foot		ON RECORD - Bridge Plug			cture, Shot, Cement		Depth

		Specify Fo	otage of	Each Interval Perfor	ated			(Amount and Kino	l of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	At:	Liner R		No	
Date of First, Resumed	Product	ion, SWD or ENH	٦.	Producing Method	d: Pump	bing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mo	cf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
				·						
DISPOSITI	ON OF (	GAS:		ME	THOD (	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Solo	L k	Used on Lease		Open Hole	Perf.	Dually (Submit A	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

## Summary of Changes

Lease Name and Number: Krebs A 1

API/Permit #: 15-063-22134-00-00

Doc ID: 1249598

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	268
Approved Date	11/07/2013	04/15/2015
CasingNumbSacksUse dPDF_2	250	240
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPD F_1	250	268
CasingSettingDepthPD F_2	4358	4357
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
Fracturing Question 1		No

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
If Alternate II Completion - Cement		2028
Circulated From If Alternate II Completion - Cement		0
Circulated To If Alternate II Completion - Sacks of		165
Cement Kelly Bushing Elevation	2642	2644
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=31&t	https://kolar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=31&t
Multiple Stage Cementing Collar Depth	250	2028
Plug Back Total Depth	4358	4348
Producing Formation	KANSAS CITY	Injection
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=12
TopsDatum1	67131 -1365	49598 -1330
TopsDatum2		-1606
TopsDepth1	4001	3974
TopsDepth2		4250

# Summary of changes for correction 1 continued

Field Name

Previous Value

New Value

TopsName2

Johnson



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

1167131

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

	LICTORY	DESCRIPTION	9 I E A CE
/VELL	HISTORT -	DESCRIPTION	. & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Eluid Management Plan
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chlasida sectoret per Elviduatures hela
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

#### 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				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

### KOLAR Document ID: 1167131

Operator Name:	Lease Name:	Well #:
Sec TwpS. R East 🗌 West	County:	

Page Two

**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 (Attach Additional Sheets)		Y	Yes No		Log Formation (Top), Dep			and Datum	Sample	
·	*		és 🗌 No	١	lame	e		Тор	Datum	
Samples Sent to Geological Survey Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:			ies No ies No ies No							
		Repo	CASING I		] Ne	w Used rmediate, productio	on, etc.			
Purpose of String Size Hole Drilled			ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement		# Sacks Used		Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone										
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the till</li> <li>Was the hydraulic fracture</li> <li>Date of first Production/Injulation</li> </ol>	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment tted to the chemica Producing Meth	al disclosure regis	stry?	Yes	□ No (If No, s □ No (If No, f	kip questions 2 ar kip question 3) ill out Page Three		
			Flowing Pumping							
Estimated Production Oil Bbls. Per 24 Hours		Bbls.	Gas I	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity	
DISPOSITION OF GAS:			METHOD OF (					PRODUCTION INTERVAL: Top Bottom		
Vented Sold Used on Lease Open Hole Pe (If vented, Submit ACO-18.)			Dually Comp.     Commingled       (Submit ACO-5)     (Submit ACO-4)							
	Perforation Perforation Bridge Plug Bridge Plug Top Bottom Type Set At									
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	Krebs A 1
Doc ID	1167131

# Casing

Purpose Of String		Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
SURFACE	12.25	8.625	16	250	COMMON	165	50/50 POZ
PRODUC TION	8.625	5.5	20	4358	COMMON	250	50/50 POZ

## ROBERT T. HOPKINS, L.G., C.P.G. 709 Harold Ave. Salina, Kansas 67401 cell (785) 819-2460

September 25, 2013

Solutions Consulting Attention: Herb Deines 108 W. 35th Hays, Kansas 67601

### Black Tea Oil - Krebs A-1, Section 31, T14S, R31W, Gove County, Kansas

Herb and Chris:

Attached to this summary letter is my lithologic log for the above-captioned well. Sample shows were observed in the C, I, and L zones of the Lansing-Kansas City Group, a lower Cherokee Ls., and the Cherokee-Johnson zone. All of these shows were drillstem tested, except for the LKC "I" show, which was very slight. Note that all of the shows were marginal at best, although for most of the time I examined samples, the sample quality was very poor. Most of the samples consisted of up-hole cavings. The mud engineer indicated there was a hole in the drill string.

Oil recovery was very poor to non-existent in the three DSTs. Operator indicated production casing would be set for further testing.

#### LOG TOP COMPARISON:

Formation C-H log tops		compared <u>Krebs 36-</u>	to Lario 1 oil well	compared to Lario Krebs 1-31 (dry hole)	
Anhydrite	2058(+578)	-5	(+583)	not logg	ged
Topeka Ls.	3375(-739)	-9	(-730)	-1	(-738)
Queen Hill Sh.	3570(-934)	-9	(-925)	+2	(-936)
Heebner Sh.	3631(-995)	-8	(-987)	+5	(-1000)
Top Lansing	3670(-1034)	-11	(-1023)	+6	(-1040)
Top "G" Sh.	3834(-1198)	-11	(-1187)	+5	(-1203)
Base KC	4001(-1365)	-13	(-1352)	+6	(-1371)
Pawnee Ls.	4130(-1494)	-15	(-1479)	NDE	
Johnson zone	4248(-1612)	-13	(-1599)	NDE	
Mississippian	4288(-1652)	-7	(-1645)	NDE	

1

#### A 1 LIED OU A 0

ALLIED OIL & GA	S SER	/ICES,	LLC	061907
REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT: Erre + Barel			
DATE 9-26-13 SEC. 31 TWP. 19 RANGE 31	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Krebs A WELL # 1 LOCATION 22ms	les South OG	Kley	COUNTY	STATE
OLD OR NEW (Circle one) 2 East				
CONTRACTOR Landmark Drilling TYPE OF JOB SU CFACE	OWNER			
HOLE SIZE 122 T.D.	CEMENT			
CASING SIZE 35/5 DEPTH Z68	AMOUNT OR	DERED 165	SES Clas	5 A
TUBING SIZE DEPTH DRILL PIPE UH DEPTH	34600	2% Gel		-
DRILL PIPE UP DEPTH				
PRES. MAX MINIMUM	COMMON	165	@ 17.90	2.953.50
MEAS. LINE SHOE JOINT	POZMIX		@	<u></u>
CEMENT LEFT IN CSG. 15 Ft	GEL	3	@ 23.40	
PERFS.	CHLORIDE _	6	@ 64.00	384.00
DISPLACEMENT 16, 11 bbis fruch weiter	ASC		@	
EQUIPMENT			_@	
			0	
PUMPTRUCK CEMENTER Joh Israc				
# 398 HELPER Keven Wicherse BULK TRUCK				
# 609-112 DRIVERShawn Kerns			@	
BULK TRUCK			_@	-
# DRIVER	HANDLING	24	@	442.03
	MILEAGE &		2-60	507.31
REMARKS:	(1105/105 Q.		TOTAL	4.357.04
onlocation- Ris up- had safely meating				
fin 855 coing - Brox circlingion ling eigend		SERVI	CE	
ADMP 5 Hols Fashwerts Amod mig 145555 Class A 36CC 29/101				
Displace 16:11 bbis fresh water / shutin	DEPTH OF JO PUMP TRUCK		1512.3	5
Ceman ded ciculates 9:45 Pm	EXTRA FOOT		@	
	MILEAGE A		@ 7.70	184.80
fig der h	MANIFOLD_		@	
/	h.v	1m 24	@ 4.40	105.00
RI Ind.	17. <u></u>		_@	
CHARGE TO: Black Tra			momit	1.802.65
STREET			TOTAL	1.004.
CITYSTATEZIP		PLUG & FLOAT	EQUIPMEN	IT
		-		
			_@	
			Q	

0 @

0

0

SALES TAX (If Any) TOTAL CHARGES 6.159.69 I · 231.93 IF PAID IN 30 DAYS

4.927.

TOTAL \_

75

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME & RAMIFU Maldonado SIGNATURE X ROMINO Maldonado Thank York

#### ALLIED OIL & GAS SERVICES, LLC 061158 Federal Tax I.D. # 20-8651475 REMIT TO P.O. BOX 93999 SERVICE POINT: SOUTHLAKE, TEXAS 76092 Clak TWP. SEC. CALLED OUT ON LOCATION JOB START JOB FINISH RANGE 125/13 DATE Q 6.30 COUNTY 2:32 STATE LOCATION Dakles LEASE Krobal 225 into WELL# KS Cove OLD OR NEW (Circle one) CONTRACTOR Landmark #6 Sca OWNER TYPE OF JOB from the second se AMOUNT ORDERED 240 SH ASC 1090 Sell 4366 T.D. ISILUDEPTH 4357.8 TUBING SIZE DEPTH DRILL PIPE DEPTH 12 KAL TP uch port collar 2058 TOOL DEPTH PRES. MAX MINIMUM COMMON 0 MEAS, LINE SHOE JOINT POZMIX 0 CEMENT LEFT IN CSG. @ 19,35 GEL PERFS. CHLORIDE 0 ASC 240 SILS 02 DISPLACEMENT 10 EQUIPMENT @ Cilsonity @ 0 500 0 26 Hav PUMP TRUCK CEMENTER. UFR 0 # 423-281 HELPER idee in 1n/ 0 BULK TRUCK acal Kig Pro 0 DRIVER @ BULK TRUCK 0 **DRIVER** # 0 @ HANDLING 307 MILEAGE 2.60 13.40670 xa **REMARKS:** TOTAL 2 Goulats the May WFAT Acun 5/12 SERVICE 511 U 70 latch & Down my DEPTH OF JOB PUMP TRUCK CHARGE 1 Acres EXTRA FOOTAGE @ MILEAGE @2 @ MANIFOLD ton, their, Chir @4 TeVelicle @ CHARGE TO: Black Teg Oil TOTAL 334 STREET CITY\_ STATE ZIP. PLUG & FLOAT EOUIPMENT Collar 0 @ 40 patshal 99 @ 32.4 324 DIVIT Agemb To: Allied Oil & Gas Services, LLC. @ 39422 118 You are hereby requested to rent cementing equipment Ho I 05 4SF tral and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was TOTAL ST done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. 18023.50 TOTAL CHARGES.

IF PAID IN 30 DAYS DISCOUNT PRINTED NAME. SIGNATURE 

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

November 07, 2013

Chris Leiker Black Tea Oil, LLC 1011 CENTENNIAL BLVD.,STE B HAYS, KS 67601

Re: ACO1 API 15-063-22134-00-00 Krebs A 1 SW/4 Sec.31-14S-31W Gove County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Chris Leiker