Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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:			SecTwp S. R
Address 2:			Feet from North / South Line of Section
City: Sta	ate: Zi	p:+	Feet from
Contact Person:			Footages Calculated from Nearest Outside Section Corner:
Phone: ()			□NE □NW □SE □SW
CONTRACTOR: License #			GPS Location: Lat:, Long:
Name:			(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
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 ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	d3vv	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core,	. Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info			If yes, show depth set: Fee
Operator:			If Alternate II completion, cement circulated from:
Well Name:			feet depth to: sx cm
Original Comp. Date:			·
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)
O constituents of	D		Chloride content: ppm Fluid volume: bbls
☐ Commingled☐ Dual Completion			Dewatering method used:
SWD			Location of fluid disposal if hauled offsite:
☐ ENHR			Location of haid disposal if hadied offsite.
☐ GSW			Operator Name:
_			Lease Name: License #:
Spud Date or Date Rea	ched TD	Completion Date or	QuarterSecTwpS. R East Wes
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

Confidentiality Requested:

Yes No

KCC Office Use ONLY				
Confidentiality Requested				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II Approved by: Date:				

CORRECTION #1

Operator Name: _ Lease Name: _ Well #: _ 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** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No 」Yes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: **DISPOSITION OF GAS:** PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Form	ACO1 - Well Completion		
Operator	Black Tea Oil, LLC		
Well Name	Krebs Q 1		
Doc ID	1249444		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	257	COMMON	180	
Production	8.625	5.5	15.5	4446	COMMON	230	

Black Tea Oil, LLC

Krebes Q-1

Completion Report

Gove County

Sec. 30

Twp. 14S

Rge. 31W

TD-4409'

Perfs- morrow-4350-62', johnsons-4334-36', 4314-22', Ft Scott--4236-40', Pawnee-4198-4200', Alt-4180-90', Marm A-4106-12' J-3980-86', F-3854-60'

2/18/14

MIRU K&M Well service, shut down.

2/19/14

MIRU Dans Packer and RIH with shifting tool and located port collar at 2145', MIRU Allied Cementing and cemented port collar with 375 sks, ran 10 joints and washed clean, pulled tubing and started swabbing well down, shut down.

2/20/14

MIRU Kansas Acid and dumped 36 bbl acid down well to perforate in, MIRU Pioneer wireline and perforated the Morrow-4350-62', Johnsons-4334-36', 4314-22', MIRU Kansas Acid and treated with 4000 gal 15% INS and 1500 # rock salt, @ 8.5 bbl min @ 1200#, ISIP- 700#, total load-202 bbl, flowed back 28 bbl, started swabbing, Fluid level- 3200' from surface 12% oil, shut down.

2/21/14

Checked overnight fill up, 2000' from surface, 300' of oil, started testing, 1st hour- 54 bbl 22% oil, 2nd hour- 9 bbl-35% oil, down to 60' a pull, went to 20 min pulls getting 200'- 7% oil, 3rd hour- 13 bbl- 7% ooil, MIRU Pioneer wireline and perforated teh F- 3854-60', J- 3980-86', MIRU Dans Packer and RIH with plug and packer and isolated the J-3980-86' and swabbed down, shut down.

2/24/14

Checked overweekend fill on the J- 1900' from surface 6% oil, swabbed down-10.4 bbl, started testing- 1st 15 min- 50' water with a scum of oil, 2nd-40' scum of oil, 3rd- 40' scum oil, moved tools up and isolated the F- 3854-60', swab tested, swab down-3.48 bbl, MIRU Kansas Acid and treated with

150 gal 20%, broke at 1900#, feeding at .25 bbl min at 800#, inc. rate to .5 bbl a min at 900#, ISIP- 650# total load- 29 bbl started swabbing, swab down 22 bbl, swabbed dry, did a 15 min test- 20', no show of oil, pulled tools.

2/25/14

MIRU Pioneer wireline and perforated Ft Scott-4236-40', pawnee-4198-4200', Alt-4180-90', Marm. A-4106-12', RIH with plug and packer and isolated the Ft Scott, pawnee, Alt. and treated with 1500 gal 20% INS and 1000# rock salt at 7.5 bbl min at 900#, swabbed down, 15min-v100' acid water, moved up and treated the marm. A with 1250 gal 20% INS 3 bbl min 1300#, swab down- 27 bbl, RBIH- no fluid entr, shut down.

2/26/14

Checked overnigh fill, 3900' from surface all acid water, released tools and went to bottom and started swabbing, 1st hour - 36 bbl show of oil, isolated the morrow- 12 bbl scum of oil, pulled tools RDMO.

Took tubing to the S-1

Summary of Changes

Lease Name and Number: Krebs Q 1 API/Permit #: 15-063-22169-00-00

Doc ID: 1249444

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	257
Approved Date	04/30/2014	04/27/2015
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPD F_1	250	257
CasingSettingDepthPD F_2	4450	4446
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement		2145
Circulated From If Alternate II Completion - Cement Circulated To		0

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
If Alternate II Completion - Sacks of	450	375
Cement Kelly Bushing Elevation	2712	2714
Method Of Completion - Commingled	No	Yes
Multiple Stage Cementing Collar Depth	2100	2145
Perf_Record_1		see attached report
Plug Back Total Depth	4450	4409
Producing Formation	KANSAS CITY / JOHNSON	see attached report
Producing Formation Save Link	JOHNSON //kcc/detail/operatorE ditDetail.cfm?docID=12	//kcc/detail/operatorE ditDetail.cfm?docID=12
Ü	JOHNSON//kcc/detail/operatorE	//kcc/detail/operatorE
Save Link	JOHNSON //kcc/detail/operatorE ditDetail.cfm?docID=12 02084	//kcc/detail/operatorE ditDetail.cfm?docID=12 49444
Save Link TopsDatum1	JOHNSON //kcc/detail/operatorE ditDetail.cfm?docID=12 02084	//kcc/detail/operatorE ditDetail.cfm?docID=12 49444 -1636
Save Link TopsDatum1 TopsDatum2	JOHNSON //kcc/detail/operatorE ditDetail.cfm?docID=12 02084	//kcc/detail/operatorE ditDetail.cfm?docID=12 49444 -1636

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDatum6		-1392
TopsDatum7		-1140
TopsDepth1	4019	4350
TopsDepth2		4314
TopsDepth3		4236
TopsDepth4		4198
TopsDepth5		4180
TopsDepth6		4106
TopsDepth7		3854
TopsName1	KASNAS CITY	morrow
TopsName2		johnson
TopsName3		ft scott
TopsName4		pawnee

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName5		altamont
TopsName6		marmaton
TopsName7		kansas city
Total Depth	4450	4451

Summary of Attachments

Lease Name and Number: Krebs Q 1

API: 15-063-22169-00-00

Doc ID: 1249444

Correction Number: 1

Attachment Name



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1202084

Form ACO-1
August 2013
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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
Oil WSW SWD SIOW	Producing Formation:
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? Yes No
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)
Commingled Permit #:	Chloride content:ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
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:				