Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1249394

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

Address 2:	OPERATOR: License #	API No. 15				
Address 2:	Name:	Spot Description:				
City:	Address 1:					
Contact Person:	Address 2:	Feet from North / South Line of Section				
Phone:	City: State: Zip:+	Feet from East / West Line of Section				
CONTRACTOR: License # GPS Location: Lat:, Long:	Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Name: (e.g. xxxxxxx) Wellsite Geologist:	Phone: ()					
Name: (e.g. xxxxx) (e.g. xxxxx) Wellsite Geologist: Datum: (NAD27 NAD83 (WG84 Purchaser: Designate Type of Completion: Lease Name: Well #: (E.g. xxxxx) Designate Type of Completion: Image: Completion: Well #: (E.g. xxxxx) (E.g. xxxxx) Designate Type of Completion: Image: Completion: Well #: (E.g. xxxxx) (E.g. xxxxx) Designate Type of Completion: Image: Completion: Well #: (E.g. xxxxx) (E.g. xxxxx) Designate Type of Completion: Image: Completion: Well #: (E.g. xxxxx) (E.g. xxxxx) Designate Type of Completion: Image: Completion: Well #: (E.g. xxxx) (E.g. xxxx) Original Completion: Gas DAX Themp. Abd. (E.g. xxxx) (E.g. xxxx) (E.g. xxx) (E.g. xxx) If Workover Gas DAX Themp. Abd. (E.g. xxx) (E.g. xxx) (E.g. xxx) (E.g. xxx) (E.g. xxx) (E.g. xxx) (C.g. xx) (E.g. xx) (C.g. xx) (C.g	CONTRACTOR: License #	GPS Location: Lat:, Long:				
Wellsite Geologist:	Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)				
Purchaser:	Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Designate Type of Completion:		County:				
New Well Re-Entry Workover Oil WSW SWD Gas D&A ENHR OG GSW Temp. Abd. CM (Coal Bed Methane) Elevation: CAthodic Other (Core, Expl., etc.): 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: Operator: Will Name: Original Comp. Date: Original Total Depth: Deepening Re-perf. Commingled Permit #: Dual Completion Permit #: SWD Permit #: SWD Permit #: GSW Permit #: Chioride content: ppm Fluid volume: Devatoring method used: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License #: Quarter Sec. Two S. R.	Designate Type of Completion:	Lease Name: Well #:				
Producing Formation:		Field Name:				
Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Total Vertical Depth:Plug Back Total Depth: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator: Original Comp. Date:Original Total Depth: If Alternate II completion, cement circulated from: If Alternate II completion, cement circulated from: Image: Commingled Permit #: Plug Back Conv. to GSW Commingled Permit #: SWD Permit #: SWD Permit #: SWD Permit #: GSW Permit #: Chloride content:ppm Fluid volume: Devatering method used:		Producing Formation:				
OG GSW Temp. Abd. CM (Coal Bed Methane) Total Vertical Depth: Plug Back Total Depth: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Multiple Stage Cementing Collar Used? Yes Operator:		Elevation: Ground: Kelly Bushing:				
OG GSW Temp. Add. CM (Coal Bed Methane) Amount of Surface Pipe Set and Cemented at: Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: If Alternate II completion, cement circulated from: Operator:		Total Vertical Depth: Plug Back Total Depth:				
Conv (Coar bed Methanle) Multiple Stage Cementing Collar Used? Yes No If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: If Alternate II completion, cement circulated from: If eet depth to: If Alternate II completion, cement circulated from: If eet depth to: If alternate II completion, cement circulated from: If eet depth to: If alternate II completion, cement circulated from: If eet depth to: If alternate II completion, cement circulated from: If eet depth to: If alternate II completion fluid Management Plan If alternate II completion fluid volume: If alternate II completion fluid volume: If alternate II completion fluid volume: If alternate II completion fluid disposal if hauled offsite: If alternate II completion fluid disposal if hauled offsite: If alternate II completion fluid disposal if hauled offsite: If alternate II completion fluid disposal if hauled offsite: If alternate II completion fluid disposal if hauled offsite: <td></td> <td>Amount of Surface Pipe Set and Cemented at: Feet</td>		Amount of Surface Pipe Set and Cemented at: Feet				
If Workover/Re-entry: Old Well Info as follows: If yes, show depth set:						
Operator:						
Well Name:						
Original Comp. Date: Original Total Depth: Deepening Re-perf. Plug Back Conv. to ENHR Commingled Permit #: Dual Completion Permit #: SWD Permit #: SWD Permit #: GSW Permit #: OSW Permit #: Outling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: Dewatering method used: Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: Operator Name: Lease Name: Lease Name: License #: Quarter Sec.						
Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #:						
Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #: ppm Fluid volume: Dual Completion Permit #: Dewatering method used: Dewatering method used: SWD Permit #: Location of fluid disposal if hauled offsite: GSW Permit #: Operator Name: Lease Name: License #: Quarter Sec.		Drilling Eluid Management Dian				
Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: License #: Lease Name: License #: Quarter Sec.						
Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: License #: Lease Name: License #: Quarter Sec.		Chloride content: ppm Fluid volume: bbls				
SWD Permit #: Location of fluid disposal if hauled offsite: ENHR Permit #: Operator Name: GSW Permit #: Lease Name: Understand Quarter Sec. Twp. S. R. East		Dewatering method used:				
Image: Sector of the sector		Location of fluid disposal if hauled offsite:				
GSW Permit #: Operator Name: Lease Name: License #: Quarter Sec. Twp. S. R. East						
Quarter Sec. Twp. S. R.		Operator Name:				
Spud Date or Date Reached TD Completion Date or Quarter Sec TwpS. R East		Lease Name: License #:				
	Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

CORRECTION #1

1249394

Operator Na	me:			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 Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		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 / SQL	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Used Type and Percent Additives			
Protect Casing	Protect Casing						
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000						o questions 2 and o question 3)	3)
Was the hydraulic fracturing treatment information submitted to the chemical disclosure rec						out Page Three of	f the ACO-1)
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Perf		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			Depth

TUBING RECORD:	DRD: Size: Set At: Packer At:			Liner R	un:	No				
Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Plowing			ethod:	ping	Gas Lift	Other (Explain)				
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD		TION:		PRODUCTION I	NTERVAL:		
Vented Sold	Sold Used on Lease Open Ho		Open Hole	Perf.	Dually (Submit)	ly Comp. Commingled t ACO-5) (Submit ACO-4)				
(If vented, Submit ACO-18.)			Other (Specify)		(/	(500.000))			

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

Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	Krebs G 1
Doc ID	1249394

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	266	COMMON	180	
Production	8.625	5.5	15.5	4385	COMMON	230	

Black Tea OIL

Krebs G1

LTD 4356

Port collar 2017 312 sks

Perfs

Morrow	4282-96	3000	gal 15% INS
Johnson	4262-66,424	44-48,	1500 gal 15% INS
Charakaa	4400 70		
Cherokee	4169-73		
Ft Scott	4148-54, 41	.69-73	
Pawnee	4114-22, 41	.06-10	

Marmaton 4092-4100

Treated above to the Cherokee with 11000 gal 15% INS

Summary of Changes

Lease Name and Number: Krebs G 1

API/Permit #: 15-109-21213-00-00

Doc ID: 1249394

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	266
Approved Date	02/12/2014	04/27/2015
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPD F_1	250	266
CasingSettingDepthPD F_2	4388	4385
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement	2100	2017
Circulated From If Alternate II Completion - Sacks of Cement	450	312

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Kelly Bushing Elevation	2669	2671
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/ kcc/detail/locationInform
Method Of Completion - Commingled	ation.cfm?section=28&t No	ation.cfm?section=28&t Yes
Multiple Stage Cementing Collar Depth	2100	2017
Perf_Record_1		see attached report
Producing Formation	KANSAS CITY / JOHNSON	See attached report
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 88662	//kcc/detail/operatorE ditDetail.cfm?docID=12 49394
TopsDatum1	-1307	-1611
TopsDatum2		-1573
TopsDatum3		-1498
TopsDatum4		-1477
TopsDatum5		-1435
TopsDatum6		-1421

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDepth1	3970	4282
TopsDepth2		4244
TopsDepth3		4169
TopsDepth4		4148
TopsDepth5		4106
TopsDepth6		4092
TopsName1	KANSAS CITY	Morrow
TopsName2		Johnson
TopsName3		Cherokee
TopsName4		Ft Scott
TopsName5		Pawnee
TopsName6		Marmaton

Summary of Attachments

Lease Name and Number: Krebs G 1 API: 15-109-21213-00-00 Doc ID: 1249394 Correction Number: 1 Attachment Name



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1188662

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

WELL COMPLETION FORM

	OIL & GAS CONSERVATION DIVISION
CONFIDENTIAL	WELL COMPLETION FORM
	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.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. 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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposar in natied 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 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:

KOLAR Document ID: 1188662

Operator Nar	ne:			Lease Name:	Well #:
Sec	Twp	S. 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 Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	Krebs G 1
Doc ID	1188662

Casing

		Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
SURFACE	12.25	8.625	16	250	COMMON	180	
PRODUC TION	8.625	5.5	20	4388	COMMON	230	

ALLIED OIL & GAS SERVICES, LLC 061212 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT:
DATE 10/30/13 28 TWP. 4 RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH 11:30 a.m. 5:22 a. 1. 100 G. HI
LEASEKrobs G WELL# I LOCATION Ort	Ley Huy835 15mi COUNTY STATES
OLD OR (NEW (Circle one) W into	Logan
CONTRACTOR Landmark	OWNER Same
HOLE SIZE 1214 T.D. 266'	CEMENT
CASING SIZE 85/8 DEPTH 266.0	
TUBING SIZE DEPTH	310 CC 2% gel
DRILL PIPE DEPTH	
TOOL DEPTH PRES. MAX MINIMUM	СОММОN 180 sks@ 17.90 3222.00
MEAS. LINE SHOE JOINT	COMMON 1 0 0 5ks @ 17.90 3222.00 POZMIX @
CEMENT LEFT IN CSG. 15	GEL 3 sks @ 23.40 70.20
PERFS.	CHLORIDE 4563 @ 1.4.00 384.00
DISPLACEMENT 15.99 bbl water	ASC@
EQUIPMENT	@ @
DUMPTOUCK CONDUCTOR DI Band	
# HELPER Tyler Flips	
BULKTRUCK Wayne mcGreushy	@
# 600 DRIVER Talon Jones	@
BULKTRUCK Cory Brown # DRIVER	@
# DRIVER	HANDLING 194,6443 @ 2.48 482.71
DEM / DZO	MILEAGE 8.88 tony 15mi 42.60 346.32
REMARKS:	TOTAL 4505.23
Mix 1805ks (om 3% (C 2% ge) Displace with water Comment did arculate	SERVICE
(<u></u>	DEPTH OF JOB 266'
	PUMPTRUCK CHARGE 15/2.25
	EXTRA FOOTAGE@
	MILEAGE MLAV 15 @ 7.70 115.50 MANIFOLD _ Swedge @ 275.00
	MILU 15 @ 4.40 46.00
	@
CHARGE TO: Black Tea Oil	1910-
STREET	TOTAL 1968.75
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	@
7 111 101 4 7 9 1 1 1 1 1	@
To: Allied Oil & Gas Services, LLC.	@
You are hereby requested to rent cementing equipmen and furnish cementer and helper(s) to assist owner or	e
contractor to do work as is listed. The above work wa	
done to satisfaction and supervision of owner agent or	TOTAL
contractor. I have read and understand the "GENERA	T
TERMS AND CONDITIONS" listed on the reverse si	0.150.09
	TOTAL CHARGES 6,473.98
PRINTED NAME LESUS Martinez In	
SIGNATURE (June) Watne g	J. 179, 18 Net.

.

ALLIED OIL & GAS SERVICES, LLC 061372 Federal Tax I.D. # 20-8651475

REMIT TO P.O. B SOUTH	OX 93999 ILAKE, TEXAS 76	092			VICE POINT:	\$1K5
DATE 11-10-13	SEC. TWP. 28 14	RANGE 3.2	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE KANDE	the second state of the se	LOCATION	ly 20 5 4 2		COUNTY 10gan	STATE 23
CONTRACTOR 2	andmark		OWNER 30	ami_		
TYPE OF JOB P., HOLE SIZE 77 CASING SIZE 5 TUBING SIZE DRILL PIPE TOOL PC PRES. MAX	'δ TL ¹ / ₂ I5,5 [‡] ₽DB DE DE DE	0. <u>-4385</u> PTH:::	CEMENT AMOUNT OF 54 Gils	RDERED <u>230</u>	loge 1	
MEAS. LINE CEMENT LEFT IN PERFS.	SH	OE JOINT 20.60	DPOZMIX GEL		@	
DISPLACEMENT	104 66 L EQUIPMENT	······	61150	2305K- 2305K- 1150# 2017/14510 1256	·@ ,96	110400
# 422 H BULK TRUCK # 3964306 H BULK TRUCK	CEMENTER Ku HELPER Ways DRIVER Juan DRIVER			277,05 cuft	@ <u>34/4/2</u> @ @ @ @ @ @ @ @	<u>- 6880</u>
Can Alout eg	REMARKS:	ine to botto	, N	SERVIO	TOTAL	80273
nixed 20 5#eilsonite Plug 42is7 oithg liftp 1500#teleas	- dewn Cent	10 salt 20000 en released 104061 wate	DEPTH OF JC PUMP TRUCH EXTRA FOOT MILEAGE MANIFOLD	CHARGE AGE	@ @ @	4/3875 276525 1925 27500 27500 1960
CHÀRGE TO:	black Jea	·			@	33433.5
STREĘT CITY	STATE	ZIP	-			
s.,			CWJ AF4F	PLUG & FLOAT	equipmen	×106 33
To: Allied Oil & G You are hereby rec and furnish cemen contractor to do we done to satisfaction contractor. I have	juested to rent cen ter and helper(s) to ork as is listed. Th n and supervision	nenting equipment o assist owner or ne above work wa of owner agent or	8-turbel 3-baske 1-porto	13-13	@ <u>93</u> @ <u>39439</u> @ TOTAL	248 80 18287 304200 576409
TERMS AND CO				17 0	a 7. 1	D IN 30 DAYS
SIGNATURE	Efmely	Sept				a



DRILL STEM TEST REPORT

Prepared For: Black Tea Oil LLC.

1011 Centennial Blvd. Ste.B Hays Kansas 67601

ATTN: Kevin Bailey

Krebs G #1

28-14s-32w-Logan

 Start Date:
 2013.11.04 @ 07:27:00

 End Date:
 2013.11.04 @ 14:28:00

 Job Ticket #:
 18533
 DST #:
 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902 Black Tea Oil LLC.

	PERIO	DRILL ST	TEMTES		ORT				
		Black Tea Oil LLC	D.		28-	-14s-32w	-Loga	n	
	ESTER:	1011 Centennial I Hays Kansas 676				e bs G #1 Ticket: 18			[#:1
		ATTN: Kevin Ba	ailey)4 @ 07:27:0	
GENERAL I	NFORMATION:								
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)			Tes	ster: I	Dustin E		hHole (Initial)
Interval: Total Depth: Hole Diameter:	3650.00 ft (KB) To 37 3752.00 ft (KB) (TV 7.88 inchesHole	/D)))		Ref	erence Ele KB t	evations to GR/CI	2655	.00 ft (KB) .00 ft (CF) .00 ft
Press@RunDe Start Date: Start Time: TEST COMI	2013.11.04 07:27:00 MENT: 1st Open 30 mi	End Date: End Time: nutes Strong buildir inutes Yes 1 inch b	ng blow built to	2013.11.04 14:28:00 the bottom of	Capacity Last Cali Time On Time Off a 5 gallon b	ib.: Btm: 2 Btm: 2	2013.11	2013.11 .04 @ 09:11 .04 @ 11:58	:30
		nutes Strong buildir	ng blow blew b	ottom bucket	7 minutes.				
		inutes Yes 1/2 inch	ng blow blew b	oottom bucket		RESSUR	RE SUI	MMARY	
1750 1900 1250 750 500 500 500 500 500 500 500 500 5	2nd Shut in 60 mi	inutes Yes 1/2 inch	ng blow blew b	Time (Min.) 0 1 30 61		Temp (deg F) 104.70 104.61 104.68 105.71	Anno Initial F Open Shut-II End SI Open Shut-II End SI	Hydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
	2nd Shut in 60 mi	inutes Yes 1/2 inch	ng blow blew blev 100 100 100 100 100 100 100 10	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-II End SI Open Shut-II End SI	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2) hydro-static	
1000 1200 1200 750 500 250 0 Mon Nev 2013 Length (ft)	2nd Shut in 60 mi	esso Temperature	ng blow blew b 	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-Ir End SI Final F Final F	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) nut-In(2) hydro-static	Gas Rate (Mcf/d)
1000 1200 1000 700 200 200 200 200 200 200	2nd Shut in 60 mi	inutes Yes 1/2 inch	ng blow blew b 110 100 00 00 00 00 00 00 00	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-Ir End SI Final F Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static	Gas Rate (Mct/d)
1200 120 12	2nd Shut in 60 mi	inutes Yes 1/2 inch	ume (bbl)	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-Ir End SI Final F Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static	Gas Rate (Mcf/d)
1000 120 12	2nd Shut in 60 mi	inutes Yes 1/2 inch	ume (bbl)	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-Ir End SI Final F Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static	Gas Rate (Mcf/d)
1500 1250	2nd Shut in 60 mi	Initial Yes 1/2 inch Ime 6550 Temperature Ime 1 Ime 1	ume (bbl)	Time (Min.) 0 1 30 61 62 104 166	Pl Pressure (psia) 1831.51 106.89 261.64 1129.41 267.97 405.73 1145.49	Temp (deg F) 104.70 104.61 104.68 105.71 105.50 106.57 108.09 108.22	Anno Initial F Open Shut-Ir End SI Final F Final F	etation Hydro-static To Flow (1) h(1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-static	Gas Rate (Mct/d)

Superior Testers Enterprises LLC Ref. No: 18533

	PERIO	DRILL S	TEMTES	ST REP	ORT				
	ERPRISES LLC	Black Tea Oil LL	_C.		28-	14s-32w	-Loga	n	
	ESTER,	1011 Centennia Hays Kansas 6				ebs G #1 Ticket: 18		DST	·#· 1
	.	ATTN: Kevin E	Bailey					04 @ 07:27:0	
GENERAL	NFORMATION:								
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KE	3)		Tes	ter: I	Dustin E	tional Bottom Ellis cott City-44	Hole (Initial)
Interval: Total Depth: Hole Diameter:	3650.00 ft (KB) To 37 3752.00 ft (KB) (T\ 7.88 inchesHole		D)		Ref	erence Ele KB t	evations	2655	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 85 Press@RunDe Start Date: Start Time: TEST COMN	pth: 1132.54 psia 2013.11.04 07:27:00 MENT: 1st Open 30 m 1st Shut in 30 m	End Date: End Time: inutes Strong build inutes Yes 1 inch	ding blow built to	2013.11.04 14:28:00 the bottom of	Capacity Last Cali Time On Time Off a 5 gallon b	b.: Btm: 2 Btm: 2	2013.11	2013.11 .04 @ 09:11 .04 @ 11:57	:00
	-	inutes Strong build inutes Yes 1/2 inc	ding blow blew b ch.	oottom bucket	7 minutes.				
	-	inutes Yes 1/2 inc	-	oottom bucket		RESSUR	RE SU	MMARY	
2000 1750 1250 1250 750 500 200 0 0 4 Mon Nov 2013	2nd Shut in 60 m	inutes Yes 1/2 inc	-	Time (Min.) 0 1 30 61			Anno Initial H Open Shut-li End Sl Open Shut-li Shut-li	-tydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2)	
	2nd Shut in 60 m Pressure vs. T	inutes Yes 1/2 inc		Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial H Open Shut-li End Sl Open Shut-li Shut-li	-tydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) -tydro-static	
1760 1900 1200 700 200 200 Mon Nev 2013 Length (ft)	2nd Shut in 60 m Pressure vs. T SOUT Presure Units Hydrogener Description Description	inutes Yes 1/2 inc		Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial I Open Shut-II Shut-II Shut-II Shut-II Final I Final I	-tydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) -tydro-static	Gas Rate (Mct/d)
1750 1200 1200 770 200 200 0 Mon Nov 2013 Length (ft) 244.00	2nd Shut in 60 m	inutes Yes 1/2 inc	ch.	Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial I Open Shut-II Shut-II Shut-II Shut-II Final I Final I	etation Hydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) Hydro-static	Gas Rate (Mct/d)
1750 1200	2nd Shut in 60 m	inutes Yes 1/2 inc	ch.	Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial I Open Shut-II Shut-II Shut-II Shut-II Final I Final I	etation Hydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) Hydro-static	Gas Rate (Mct/d)
1750 1200 1200 1200 200 200 200 200	2nd Shut in 60 m Pressure vs. T	inutes Yes 1/2 inc	ch.	Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial I Open Shut-II Shut-II Shut-II Shut-II Final I Final I	etation Hydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) Hydro-static	Gas Rate (Mcf/d)
1720 1200 1200 1200 1000 200 200 0 1000	2nd Shut in 60 m	inutes Yes 1/2 inc	ch.	Time (Min.) 0 1 30 61 62 104 166	Pressure (psia) 1830.99 106.82 261.39 1132.54 267.28 405.86 1140.78	Temp (deg F) 104.94 104.72 104.97 106.10 105.95 107.12 108.61 108.51	Anno Initial I Open Shut-II Shut-II Shut-II Shut-II Final I Final I	etation Hydro-static To Flow (1) n(1) hut-ln(1) To Flow (2) n(2) n(3) Hydro-static	Gas Rate (Mcf/d)

Superior Testers Enterprises LLC Ref. No: 18533

RERIG		DRI	LL STE	MTEST	REPOR	RT	TOOL DIAGRA
	c	Black T	ea Oil LLC.			28-14s-32w-Logan	
		1011 C	entennial Blvo	d. Ste.B		Krebs G #1	
		Hays K	ansas 67601			Job Ticket: 18533	DST#:1
		ATTN:	Kevin Bailey			Test Start: 2013.11.04 @	2 07:27:00
Tool Information		ļ					
Drill Pipe: Length:	3574.00 ft	Diameter:	3.80 in	ches Volume:	50.13 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar: Length:	86.82 ft	Diameter:	2.25 in	ches Volume:	0.43 bbl	Weight to Pull Loose:	42000.00 lb
	05 00 ()			Total Volume:	50.56 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB: Depth to Top Packer:	25.82 ft 3650.00 ft					String Weight: Initial	30000.00 lb
Depth to Bottom Packer:	5050.00 ft					Final	36000.00 lb
nterval betw een Packers:							
Fool Length:	117.77 ft						
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:							
Tool Description	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool		5.00			3640.00	-	
Hydrolic Tool		5.00			3645.00		
Packer		5.00			3650.00	15.00	Bottom Of Top Packe
Shell Packer		5.00			3655.00		
Anchor		5.00			3660.00		
					0000 75		
Change Over Sub		0.75			3660.75		
Change Over Sub Drill Pipe		0.75 63.27			3660.75 3724.02		

3747.77

3748.77

3749.77

3752.77

102.77

Inside

Outside

1.00 3.00

23.00

1.00

8524

6839

Anchor

Recorder

Recorder

Bull Plug

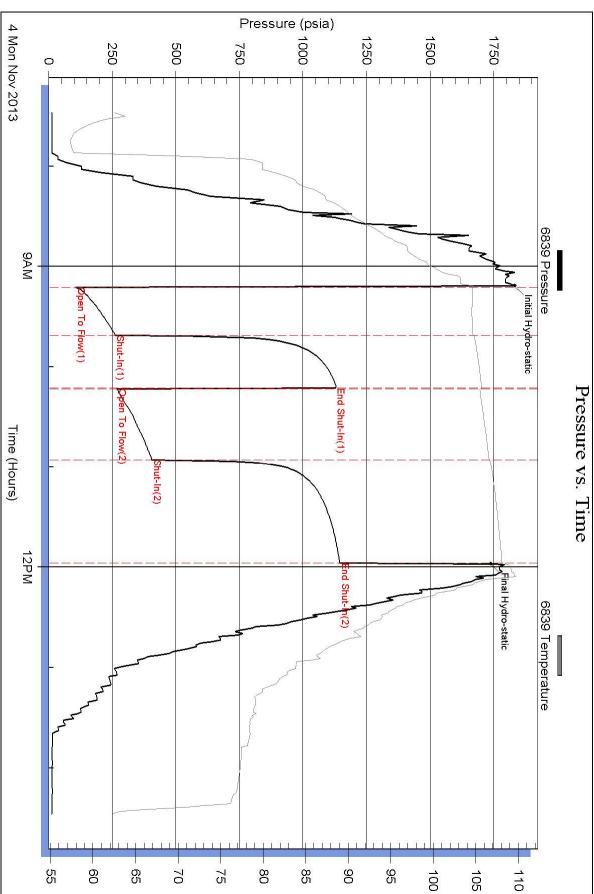
Total Tool Length: 117.77

Anchor Tool

	ERI		DRI	LL STEM TEST	[REPOR]	Г		FLUID S	UMMAR
	RPRISES LLC		Black 1	Tea Oil LLC.		28-14s-32			
	<u> </u>		1011 C	Centennial Blud Ste B		Krebs G #	£1		
	STER			1011 Centennial Blvd. Ste.B Hays Kansas 67601			18533	DST#:1	
								_	
			ATTN:	Kevin Bailey		Test Start: 2	2013.11.04 @ 0	7:27:00	
lud and Cus	shion Info	ormation	•						
• •	Chem			Cushion Type:			Oil A PI:		deg API
lud Weight:	9.00 ll	-		Cushion Length:		ft	Water Salinity:		ppm
iscosity:	39.00 s	-		Cushion Volume:		bbl			
/ater Loss:	10.40 ir			Gas Cushion Type					
esistivity:		ohm.m		Gas Cushion Press	sure:	psia			
alinity: Iter Cake:	2000.00 p 1.00 jr	opm nches							
ecovery Inf									
	ormation	•		Recovery Table					
		Leng	ıth	Description		Volume	7		
		ft				bbl			
			244.00	Clean gassy oil		2.63			
			0.00	Oil 90% Gas 10%		0.00			
			549.00	Gassy oil cut mud		7.70			
			0.00 61.00	Oil 50% Mud 40% Gas 10		0.00			
			0.00	Watery mud cut gassy oil Oil 5% Mud 5% Water 909		0.85	-		
			0.00	244 Gas in pipe	/6	0.00	-		
			0.00	Chlorides 41,000 .3 ohms		0.00			
	Tot	tal Length:		.00 ft Total Volume:	11.189 bbl				
		m Fluid Samp		Num Gas Bomb	s: 0	Serial #	<u>+</u> -		
		boratory Nar		Laboratory Loc			·.		
		covery Com		Euboratory Eoo					
			mornto.						

Printed: 2013.11.04 @ 12:59:07

Superior Testers Enterprises LLC Ref. No: 18533



Temperature (deg F)

Black Tea Oil LLC.

Serial #: 6839

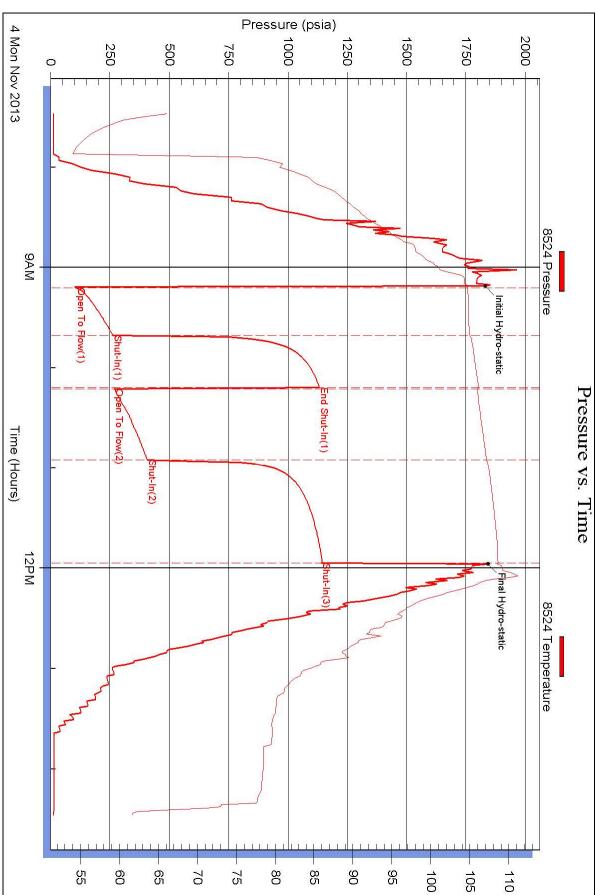
Outside

Krebs G#1

DST Test Number: 1

Printed: 2013.11.04 @ 12:59:07

Superior Testers Enterprises LLC Ref. No: 18533



Temperature (deg F)

Inside

Black Tea Oil LLC.

Serial #: 8524

Krebs G#1

DST Test Number: 1



DRILL STEM TEST REPORT

Prepared For: Black Tea Oil LLC.

1011 Centennial Blvd. Ste.B Hays Kansas 67601

ATTN: Kevin Bailey

Krebs G #1

28-14s-32w-Logan

 Start Date:
 2013.11.05 @ 12:02:00

 End Date:
 2013.11.05 @ 19:49:30

 Job Ticket #:
 18534
 DST #: 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

	PERIO	DRILL S	TEMTES	T REPO	JRT				
ENTE	ERPRISES LLC	Black Tea Oil LL	_C.		28-	14s-32w	-Loga	in	
	STER	1011 Centennia Hays Kansas 6				ebs G #1			
						Ticket: 18		DST	
		ATTN: Kevin E	salley		les	t Start: 20	013.11.0	05 @ 12:02:00	J
	NFORMATION:								
Formation: Deviated: Time Tool Open Time Test Ender		ft (KE	3)		Tes	ter:	Dustin E		Hole (Real-Time
Interval: Total Depth: Hole Diameter:	3842.00 ft (KB) (T	4 2.00 ft (KB) (TV /D) Condition: Fair				Reference Elevations: 2664.00 ft 2655.00 ft KB to GR/CF: 9.00 ft			00 ft (CF)
Serial #: 85 Press@RunDep Start Date: Start Time: TEST COMM	oth: 129.09 psia 2013.11.05 12:02:00 IENT: 1st Open 60 m	End Date: End Time:	ng blow built to 1	2013.11.05 19:49:30 inch into a 5	Capacity Last Cali Time On Time Off gallon buck	b.: Btm: Btm:	2013.11	5000. 2013.11. 1.05 @ 13:58: 1.05 @ 17:15:	30
	2nd Open 60 m	inutes Weak blow inutes No blow ba	1/2 inch through	out.	PI	RESSUF	RE SU	MMARY	
2000 1750	BG4 Presue	B24 Temperature	Temperature (Geg F)	Time (Min.) 0 1 61 91 91 148 196 197	Pressure (psia) 1911.19 70.50 129.09 1210.34 127.58 152.73 1202.63 1847.95	Temp (deg F) 106.32 105.94 107.20 108.38 108.11 109.49 110.55 110.71	Initial I Open Shut-I End S Open Shut-I Shut-I	hut-ln(1) To Flow (2) n(2)	
	Recovery		<u>.</u>			Ga	s Rate	es	
Length (ft)	Description		olume (bbl)			Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
	Clean Oil 100% Oil cut mud 98%Mud 2%		.01 .79						

	PER	DRILL STE	IVI I ES	I KEP	UKI				
ENTE	ERPRISES LLC	Black Tea Oil LLC.			28-	14s-32w	/-Loga	n	
	STEP	1011 Centennial Blvd Hays Kansas 67601	. Ste.B			ebs G #1			
		ATTN: Kevin Bailey				Ticket: 18 t Start: 20		DST 5 @ 12:02:00	
Formation:	KC-G,H,I								
Deviated: Time Tool Open Time Test Endeo	No Whipstock: ned: 13:59:00	ft (KB)			Tes	ter:	Dustin E		Hole (Real-Time
Interval: Total Depth: Hole Diameter:	3760.00 ft (KB) To 38 3842.00 ft (KB) (TV 7.88 inchesHole	/D)			2655.00			00 ft (KB) 00 ft (CF) 00 ft	
Serial #: 68 Press@RunDep Start Date: Start Time: TEST COMM	pth: 1204.15 psia 2013.11.05 12:02:00 /IENT: 1st Open 60 mi	End Date: End Time:		2013.11.05 19:50:30 inch into a 5	Capacity Last Cali Time On Time Off gallon buck	b.: Btm: Btm:	2013.11	5000. 2013.11. .05 @ 13:59: .05 @ 17:15:	00
	2nd Open 60 mi	inutes Weak blow 1/2 ir	hch through	out.					
		inutes No blow back.		1					
2000 + 1	Pressure vs. Tr			Time				MMARY otation	
-	Pressure vs. T	ime		Time (Min.)	Pressure (psia)	Temp (deg F)	Anno	otation	
2000	Pressure vs. Tr	ime		Time (Min.) 0	Pressure (psia) 1913.45	Temp (deg F) 106.06	Anno Initial H	otation lydro-static	
	Pressure vs. Tr	ime		Time (Min.)	Pressure (psia)	Temp (deg F)	Anno Initial H Open	otation lydro-static To Flow (1)	
	Pressure vs. Tr	ime	- 110 - 105 - 100	Time (Min.) 0 1	Pressure (psia) 1913.45 71.65	Temp (deg F) 106.06 105.41 106.53	Anno Initial H Open	otation lydro-static Γο Flow (1) h(1)	
	Pressure vs. Tr	ime 0830 Temperature California Noncesse:	- 100 100 100 	Time (Min.) 0 1 61 91 91	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59	Temp (deg F) 106.06 105.41 106.53 107.39 106.92	Anno Initial H Open T Shut-Ir End Sh Open T	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
1780	Pressure vs. Tr	ime 0830 Temperature California Noncesse:	- 110 - 110 - 105 - 105 - 105 - 105 - 100 - 100	Time (Min.) 0 1 61 91 91 148	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95	Anno Initial H Open Shut-Ir End Sh Open	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2)	
	Pressure vs. Tr 0630 Presure W	ime 0830 Temperature California Noncesse:	Temperature (deg F)	Time (Min.) 0 1 61 91 91	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59	Temp (deg F) 106.06 105.41 106.53 107.39 106.92	Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
	Pressure vs. Tr 0830 Pressure When indexesting when indexesting setting of the setting of the se	0530 Temperature 0530 Temperature 0530 Temperature 0530 Temperature 0530 Temperature	- 110 - 100 - 100	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11	Anno Initial H Open T Shut-Ir End Sh Open T Shut-Ir End Sh	hydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2)	
	Pressure vs. Tr 0830 Presure Intel indexestite Intel intel i	1000 Temperature	Temperature (deg F)	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29	Anno Initial H Open T Shut-Ir End Sh Final H	hydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) hydro-static	
	Pressure vs. Tr 0530 Pressure Intel Molecular Intel Intel Molecular Intel Molecular Intel Mole	1000 Temperature	- 110 - 100 - 000 -	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29	Anno Initial H Open T Shut-Ir End Sh Gpen T Shut-Ir End Sh Final H	hydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) hydro-static	Gas Rate (Mct/d)
1750 1600 1250 100 1000 1	Pressure vs. Tr 0530 Pressure	ime 050 Тепретлике 0100 Тепре	- 110 - 100 - 000 -	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29	Anno Initial H Open T Shut-Ir End Sh Gpen T Shut-Ir End Sh Final H	ydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) lydro-static	Gas Rate (Mct/d)
1750 1600 1200 100 1000 1	Pressure vs. Tr 0000 Pressure Pressure Pressure Pressure vs. Tr 0000 Pressure Pressure Pressure vs. Tr Pressure vs. T	ime 0500 Temperature 0500 T	- 110 - 100 - 000 -	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29 Ga	Anno Initial H Open T Shut-Ir End Sh Gpen T Shut-Ir End Sh Final H	ydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) lydro-static	Gas Rate (Mct/d)
1750 1500 1500 1500 1500 1500 1500 1500 1500 1500 125M	Pressure vs. Tr 0000 Pressure Pressure Pressure Pressure vs. Tr Pressure vs. Tr Press	ime 0500 Temperature 0500 T	- 110 - 100 - 000 -	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29 Ga	Anno Initial H Open T Shut-Ir End Sh Gpen T Shut-Ir End Sh Final H	ydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) lydro-static	Gas Rate (Mct/d)
1750 1500 1500 1500 1500 1500 1500 1500 1500 1500 125M	Pressure vs. Tr 0000 Pressure Pressure Pressure Pressure vs. Tr Pressure vs. Tr Press	ime 0500 Temperature 0500 T	- 110 - 100 - 000 -	Time (Min.) 0 1 61 91 91 148 196	Pressure (psia) 1913.45 71.65 125.56 1210.33 128.59 153.01 1204.15	Temp (deg F) 106.06 105.41 106.53 107.39 106.92 107.95 109.11 109.29 Ga	Anno Initial H Open T Shut-Ir End Sh Gpen T Shut-Ir End Sh Final H	ydro-static Fo Flow (1) h(1) hut-In(1) Fo Flow (2) h(2) hut-In(2) lydro-static	Gas Rate (Mcf/d)

									TOOL DIAGRA
ENTER	PRISES LLC	;	Black Te	ea Oil LLC.			28	-14s-32w-Logan	
		1011 Centennial Blvd. Ste.B					Krebs G #1		
		Hays Kansas 67601				Job	Ticket: 18534	DST#:2	
			ATTN:	Kevin Bailey	,		Tes	st Start: 2013.11.05 @	2 12:02:00
Tool Informatio	on		ļ						
Drill Pipe:	Length:	3669.00 ft	Diameter:	3.80 in	ches Volume:	51.47 bb	ol –	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	ol –	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	86.82 ft	Diameter:	2.25 in	ches Volume:	0.43 bb)	Weight to Pull Loose:	42000.00 lb
		10.00 ()			Total Volume:	51.90 bb	1	Tool Chased	0.00 ft
Drill Pipe Above k		10.82 ft						String Weight: Initial	32000.00 lb
Depth to Top Pac		3760.00 ft						Final	33000.00 lb
Depth to Bottom F		ft							
Interval betw een	Packers:	82.42 ft							
Tool Length:		97.42 ft							
Number of Packe	rs:	2	Diameter:	6.75 in	ches				
Tool Comments:									
Tool Descriptic				Serial No.	Position			. Lengths	

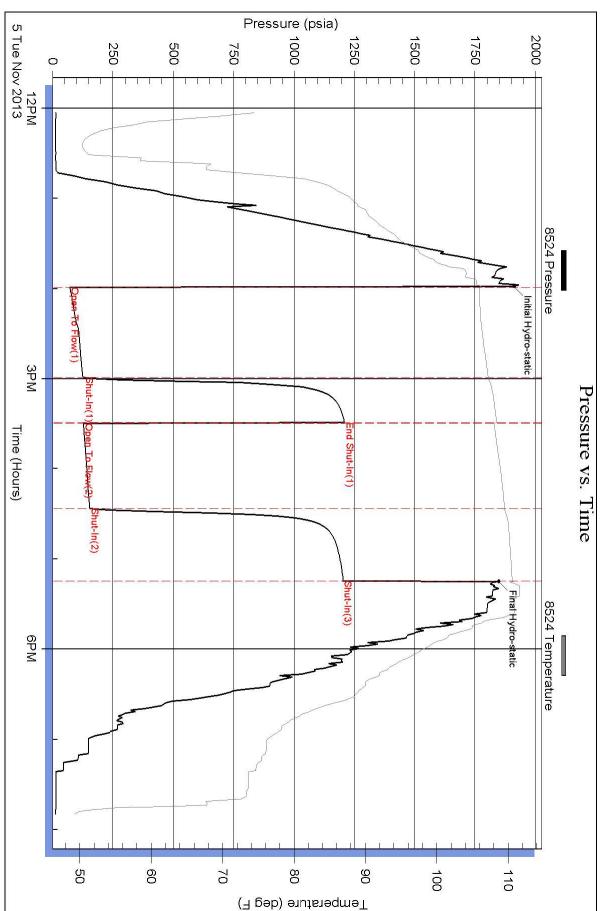
	Longin (it)	oonanto.		Boptin (ity	Accum Longino	
Shut-In Tool	5.00			3750.00		
Hydrolic Tool	5.00			3755.00		
Packer	5.00			3760.00	15.00	Bottom Of Top Packer
Shell Packer	5.00			3765.00		
Anchor	5.00			3770.00		
Change Over Sub	0.75			3770.75		
Drill Pipe	31.92			3802.67		
Change Over Sub	0.75			3803.42		
Anchor	34.00			3837.42		
Recorder	1.00	8524	Inside	3838.42		
Recorder	1.00	6839	Outside	3839.42		
Bull Plug	3.00			3842.42	82.42	Anchor Tool

Total Tool Length: 97.42

ENTERPRISES LLC Mud and Cushion Information Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 39.00 sec/qt Water Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Filter Cake: 1.00 inches Recovery Information Length ft 1 Mum Fluid Samp Laboratory Nam Recovery Comm Recovery Comm	1011 (Hays H ATTN: 2.00 183.00 185 oles: 0	Cu Ga Ga Re Clean Oil	Blvd. Ste.B 501 iley ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description	2: 	Krebs G Job Ticket Test Start: ft bbl psia	: 18534 2013.11.05 @ Oil A PI: Water Salinit		deg A Pl ppm
Wild and Cushion Information Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 39.00 sec/qt Nater Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Filter Cake: 1.00 inches Recovery Information Lengt ft	Hays H ATTN: 4TTN: 2.00 183.00 185 oles: 0	Kansas 676 Kevin Bail Cu Cu Ga Ga Clean Oil Oil cut mu	301 iley ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		Job Ticket Test Start: ft bbl psia Volume bbl 0.0 1.7	: 18534 2013.11.05 @ Oil A PI: Water Salinit	2 12:02:00	deg API
Aud Type: Gel Chem Aud Weight: 9.00 lb/gal /iscosity: 39.00 sec/qt Water Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Filter Cake: 1.00 inches Recovery Information	ATTN: 	E Kevin Bail Cu Cu Ga Ga Re Clean Oil Oil cut mu	iley ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		Test Start: ft bbl psia Volume bbl 0.0 1.7	2013.11.05 @ Oil API: Water Salinit	2 12:02:00	deg API
Aud Type: Gel Chem Aud Weight: 9.00 lb/gal /iscosity: 39.00 sec/qt Vater Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Filter Cake: 1.00 inches Recovery Information	th 2.00 183.00 185 ples: 0	Cu Cu Ga Ga Clean Oil Oil cut mu	ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		ft bbl psia Volume bbl 0.0 1.7	Oil API: Water Salinit		
Aud Type: Gel Chem Aud Weight: 9.00 lb/gal Aud Weight: 39.00 sec/qt Vater Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Titter Cake: 1.00 inches Recovery Information	2.00 183.00 185 ples: 0	Cu Ga Ga Clean Oil Oil cut mu	ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		bbl psia Volume bbl 0.0 1.7	Water Salinit	ty:	
Aud Weight: 9.00 lb/gal /iscosity: 39.00 sec/qt Vater Loss: 10.40 in ³ Resistivity: ohm.m Salinity: 2000.00 ppm Titter Cake: 1.00 inches Recovery Information Lengt ft Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Cu Ga Ga Clean Oil Oil cut mu	ushion Length: ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		bbl psia Volume bbl 0.0 1.7	Water Salinit	ty:	
'iscosity: 39.00 sec/qt Vater Loss: 10.40 in ³ vesistivity: ohm.m valinity: 2000.00 ppm ilter Cake: 1.00 inches Recovery Information Lengt ft	2.00 183.00 185 ples: 0	Cu Ga Ga Re Clean Oil Oil cut mu	ushion Volume: as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		bbl psia Volume bbl 0.0 1.7	110	ty:	ppm
Vater Loss: 10.40 in ³ esistivity: ohm.m alinity: 2000.00 ppm Iter Cake: 1.00 inches Cecovery Information	2.00 183.00 185 ples: 0	Ga Ga Re Clean Oil Oil cut mu	as Cushion Type: as Cushion Pressure ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		psia Volume bbl 0.0 1.7	10		
esistivity: ohm.m alinity: 2000.00 ppm Iter Cake: 1.00 inches ecovery Information Lengt ft Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Ga Re Clean Oil Oil cut mu	as Cushion Pressure ecovery Table Description <u>100%</u> ud 98%Mud 2% Oil Total Volume:		Volume bbl 0.0 1.7	10		
alinity: 2000.00 ppm Iter Cake: 1.00 inches ecovery Information Lengt ft Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Re Clean Oil Oil cut mu	ecovery Table Description 100% ud 98%Mud 2% Oil Total Volume:		Volume bbl 0.0 1.7	10		
Iter Cake: 1.00 inches ecovery Information Lengt ft Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Clean Oil Oil cut mu	Description 100% ud 98%Mud 2% Oil Total Volume:	1.804 bbl	bbl 0.0 1.7	10		
ecovery Information	2.00 183.00 185 ples: 0	Clean Oil Oil cut mu	Description 100% ud 98%Mud 2% Oil Total Volume:	1.804 bbl	bbl 0.0 1.7	10		
Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Clean Oil Oil cut mu	Description 100% ud 98%Mud 2% Oil Total Volume:	1.804 bbl	bbl 0.0 1.7	10		
Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Oil cut mu	100% ud 98%Mud 2% Oil Total Volume:	1.804 bbl	bbl 0.0 1.7	10		
Total Length: Num Fluid Samp Laboratory Nam	2.00 183.00 185 ples: 0	Oil cut mu	100% ud 98%Mud 2% Oil Total Volume:	1.804 bbl	bbl 0.0 1.7	10		
Total Length: Num Fluid Samp Laboratory Nam	183.00 185 ples: 0	Oil cut mu	ud 98%Mud 2% Oil Total Volume:	1.804 bbl	1.7			
Total Length: Num Fluid Samp Laboratory Nam	185 ples: 0	•	Total Volume:	1.804 bbl	•	94		
Num Fluid Samp Laboratory Nam	oles: 0	5.00 ft		1.804 bbl	I			
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Laboratory Nam			Num Gas Domos.	0	Seria	#:		
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Inside

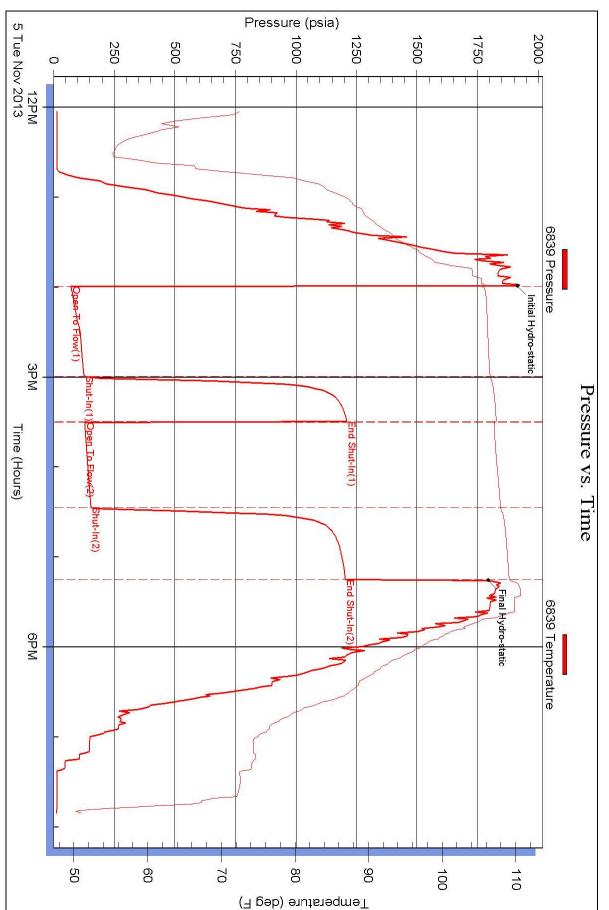
Black Tea Oil LLC.

Krebs G#1

DST Test Number: 2

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Superior Testers Enterprises LLC Ref. No: 18534



Serial #: 6839

Outside Black Tea Oil LLC.

Krebs G#1

DST Test Number: 2