Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1164002

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 #:
	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Cool Red Mathano)	Amount of Surface Pipe Set and Cemented at: Feet
\square Cathodic \square Other (Core Expl. etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Be-entry: Old Well Info as follows:	If ves, show depth set:
Operator:	If Alternate II completion, cement circulated from:
Well Name	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-nerf Conv. to ENHB Conv. to SWD	Drilling Fluid Monogoment Dien
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:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHB Permit #:	Location of huid disposal in hadied offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Soud Date or Date Beached TD Completion Date or	Quarter Sec TwpS. 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:											

	Page Iwo	1164002
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional Sheets)		Yes No			g Formati	on (Top), Depth ar	Sample		
Samples Sent to Geological Survey		Yes No		Name			Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No							
List All E. Logs Run:									
	CASIN Report all strings se	G RECORD	New rface, interr	Used Used mediate, product	tion, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs. /	ht Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
		ADDITION	AL CEMENTIN	IG / SQUE	EZE RECORD)	÷		
Purpose:	Type of Cement	# Sacks	Used		Type and F	ercent Additives			
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 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Yes	No
Yes	No

Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated							Acid, Fracture, Shot, Co (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD: Size: Set At:				Packer At: Liner			Liner R	un:	No	
Date of First, Resumed Production, SWD or ENHR.			} .	Producing M	lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	ated Production Oil Bbls. er 24 Hours			Gas Mcf Wate			ər	Bbls.	Gas-Oil Ratio	Gravity
		I							T	
DISPOSITION OF GAS:			METHOD OF COMPLE			LETION:		PRODUCTION IN	TERVAL:	
Vented Sold Used on Lease] Open Hole Perf. Dually			Comp. Commingled			
(If vented, Su	ıbmit ACO	0-18.)		Other (Specify)		(SUDITIIL)		(Submit ACO-4)		

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

Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	Paradise A
Doc ID	1164002

Tops

Name	Тор	Datum
QUEEN HILL	3270	-1106
HEEBNER	3334	-1170
TORONTO	3355	-1191
LANSING	3381	-1217
BASE KC	3610	-1446
CONGLOMERATE	3638	-1474
SIMPSON	3700	-1536
ARBUCKLE	3736	-1572

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041	Home Office	e P.O. Bo	ox 32 Rus	sell, KS 67665	No.	7989					
Sec	. Twp. Range		County	State	On Location	Finish					
Date 7-19-13 18	181017 6		XS	KS		17:450					
0		Locatio	El.SV	Rapits Cigli	no JNRAI	G1,146					
Lease Paradise	Well No. A		Owner		car cen	JU PA					
Contractor Americantes 1	,#2		To Quality Oi	Iwell Cementing, Inc	:.						
Type Job Sur Frice			 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed 								
Hole Size 1214	TD 72/		Charge Ch								
Csg. 858	Depth 2.7./		10 O	Ian rea							
Tbg. Size	Depth		City		01-1-						
Tool	Depth			dono to poticípation e	State						
Cement Left in Csg. 15	Shoe loint		Cement Amo	unt Ordered	Ind supervision of owner	agent or contracto					
Meas Line	Displace / 3 P /			1300	om SPL o	LOURL					
EQUI	PMENT	-	Common /	. 17							
Pumptrk / No. Cementer	raig		Dez Min	0							
Bulktrk No. Driver	N ²		Col 3								
Bulktrk 19 No. Driver	Na										
JOB SERVICE	S & REMARKS										
Remarks:			Hulis								
Rat Hole			Sat								
Mouse Hole			Flowseal								
Centralizers			Kol-Seal								
Baskets			Mud CLR 48								
OV or Port Collar			CFL-117 or CD110 CAF 38								
D.5/2	- 1 I.		Sand	-0							
8 / an pottom-E	25t. Crestation	1.	Handling 73	8							
111 × 1.303 × TUISPI	ae.	!	Vileage								
Cana A	2 61			FLOAT EQUIPMI	ENT						
CEMENT CIP	culater,	(Suide Shoe								
		(Centralizer								
		E	Baskets								
		- A	FU Inserts		2						
		F	loat Shoe								
		L	atch Down								
				1 Mil							
	<u></u>										
		P	umptrk Charg	· Surface							
		N	lileage 23								
	$, \Lambda,$				Tax						
- Really	uld I				Discount						
gnature K Mally	wand				Total Charge						

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 7991 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 On Location State Finish Sec. Twp. Range County 2.1 26-13 0 Date 8 LEW'S O Line 21 k Location ISN Lease Tapo 2:50 Well No. Owner To Quality Oilwell Cementing, Inc. Contractor A Menican Bagle #2 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. String Type Job Charge T.D. ZROG Hole Size 2 To Depth 3200 Csq Street Depth Tbg. Size City State Toolton Depth 1476 The above was done to satisfaction and supervision of owner agent or contractor. 5% Lilson te 21 Shoe Joint 21.51 Cement Amount Ordered 22 not Salt Cement Left in Csg. Displace 90BL Meas Line 500 galmed Flogh EQUIPMENT Common No: Cementer Helper sha v Pumptrk Poz. Mix Driver No. 0 pa Bulktrk Gel. Driver Driver No. Bulktrk Calcium Onne M Driver **JOB SERVICES & REMARKS** Hulls Salt Remarks: Rat Hole 305K Flowseal Kol-Seal Mouse Hole 55K Mud CLR 48 Centralizers 902 CFL-117 or CD110 CAF 38 Baskets D/V or Port Collar Sand Raffler 3778,50 Handling STRAN MUS Flysh Mileage FLOAT EQUIPMENT **Guide Shoe** Centralizer 60'5 R/ 社 **Baskets** AFU Insorts ant Float Shoe Latch Down Pumptrk Charge Drow Mileage Tax Discount X Signature **Total Charge**

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve I rack #1 ROP (min/ft) Gamma (API) Cal (in)	Interval Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	Tota C1 (C2 (C3 (C4 (I Gas units) units) units) units)	IG, (uni	C1 ts)	- C5	-	
1:240 Imperial 0 ROP (min/ft) 0 Gamma (API) 1 6 Gamma (API) 1					shale, black carbonaceous limestone, cream to light gray, microcrystalline, fossiliferous to bioclastic, chalky in part, poor visible porosity, with limestone, gray, fossiliferous to dolomitic, gritty, arenaceous, dense, no shows				0 Im Gas (un (un (un	perial (units) its) its) its)		
	3240				limestone as above, in 3260 sample, flood limestone, light gray, cryptocrystalline, dense lithographic, no shows							
	3260)			grades back to limestone, varible gray, fossiliferous, some dolomitic and arenaceous, poor visible porosity, some gray limestone with large clasts, no shows							
	3280				Queen Hill 3270 -1106 shale, black carbonaceous limestone, gray, mottled, fossiliferous to pelletal, chalky in part, with limestone, gray, dense, fossiliferous, and white to cream, cryptocrystalline, lithographic, no shows							
	3300			0	limestone, white to cream and gray, bioclastic, some scattered porosity, slight stain and show of free oil, no fluoresence, fair cut, some light gray to cream cryptocrystalline, solutions etching with secondary calcite and stain, no show oil, no odor in wet cup							
	3320)		•	limestones as above with: limestone, cream to gray, chalky, fossiliferous, some scattered gray fossiliferous cherts							
cfs @ 3338 ft 2040 hrs 7/22/13	3340				Heebner 3334 -1170 (Log 3333 -1169) shale, black carbonaceous limestone, gray, mottled, cherty, some pyritic							
	3360			0	Toronto 3355 -1191 limestone, cream to white, microcrystalline, chalky, with limestone, white to cream and pale green, micro-cryptocrystalline, lithographic to fossiliferous, most with chert nodules, good solution etching and some fair vugs with secondary calcite and good edge and saturation staining, fair show oil, bright green-white fluoresence, good streaming milky cut, good odor in wet cup					ndy's 900 hi	Mud 4	chk 23/13
cfs @ 3384 ft 1130 hrs 7/22/13	3380			0	Lansing 3381 -1217 (Log 3376 -1212) limestone, white to pale green, mostly cryptocrystalline, dense, cherty, lithographic to slightly fossiliferous, trace edge etching and stain (sluff from above?), no odor or show free oil, some white to vitreous opaque	Pipe 0.09	Strap ft LTE			s. 56 √ 22 \ /L 8.4 ake 1/ H 10.5 HL 50 a 20 p ol 3.4	Wt. 9 YP 20 /32, 5 000 pl 5 pm LCM	9.0) pm 12#
0 ROP (MIRTIN) 0 Gamme (PC) 1 6 Cal (in	5 3400 50 16)			cherts shale with: limestones, gray, mottled, fossilferous to pelletal, dense, cherty and pyritic in partsome brown pelletal, cream cryptocrstalline, no shows	0			Gas L (un 2 (un 3 (un	MC \$6 MC \$6 (unite its) its)	5.00 6048. s)	.70 100 100 100
	3420)		•	limestone as above grading to limestone, white to cream, cryptocrystalline, lithographic to fossiliferous to oolitic, chalky to dense, some edge etching and light stain, some light interclast stain, trace free oil on break, fleeting odor, fair to good milky cut							
	3440)		•	influx green shale limestone as above, some pale green, slightly fossiliferous with spotted show as above							
				•	3470 sample as above with few small pieces bioclastic, good interclast vugs, saturated golden brown stain, no show free oil, fleeting odor in wet cup							
	3460			0	limestone, white to pale green, mostly cryptocrystalline, fossiliferous to lithographic, cherty clasts, some lightly stained edge etching to stained vuggy interclast porosity, with limestone, tan, very cherty, fractured, fair fracture porosity, staining through fractures, trace free oil, fair fluoresence, fair slow milky cut, fair odor							
	3480			D	limestone, white to cream and pale green, cryptocrystalline, fossiliferous to lithographic, some scattered light dead stain, some pyritic with dead oil, mostly barren, chalky to dense, no odor							
	3500			•	limestone, tan to white stained bioclast, just few pieces in samples, fair interclast porosity, brittle, bleeds good sheen and gas bubbles, fleeting odor, good fluoresence, fair milky cut with halo							



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

October 19, 2013

Chris Leiker Black Tea Oil, LLC 1011 Centennial Blvd.,Ste B Hays, KS 67601

Re: ACO1 API 15-163-24133-00-00 Paradise A SE/4 Sec.18-10S-17W Rooks 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