Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1164003

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 # 34639
Name: Black Tea Oil, LLC
Address 1: 1011 Centennial Blvd.,Ste B
Address 2:
City: Hays State: KS Zip: 67601 + ____
Contact Person: Chris Leiker
Phone: (785) 259-8701
CONTRACTOR: License # 33549
Name: Landmark Drilling, LLC
Wellsite Geologist: Keith Reavis
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ 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 ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

8/10/2013	8/15/2013	8/20/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24140-00-00
Spot Description:
SE - SE - NW - NW Sec. 18 Twp. 10 S. R. 17 ☐ East ☑ West
1180 Feet from ☑ North / ☐ South Line of Section
1300 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Rooks
Lease Name: Paradise 'B' Well #: 1
Field Name:
Producing Formation: LANSING KANSAS CITY
Elevation: Ground: 2146 Kelly Bushing: 2153
Total Vertical Depth: 3805 Plug Back Total Depth: 3800
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 265 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: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
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: 10/19/2013
☑ **Confidential Release Date:** 10/19/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/21/2013

1164003

Operator Name: Black Tea Oil, LLC Lease Name: Paradise 'B' Well #: 1

Sec. 18 Twp. 10 S. R. 17 ☐ East ☑ West County: Rooks

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

GAMMARAY

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
LANSING	3376	-1212
BASE KC	3599	-1435
CONGLOMERATE	3372	-1468

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.625	16	265	COMMOM	160	50/50 POZ
PRODUCTION	7.625	5.5	20	3805	COMMOM	180	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ 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)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

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 Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

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

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7363

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-23-13	18	10	17	Rooks	KS		8:00pm.

Location Plainville 3S AARD 1/2E Y4S Into

Lease Paradise Well No. 1

Contractor Landmark #6

Type Job Surface

Hole Size 12 1/4 T.D. 265

Csg. 8 5/8 Depth 265

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 15' Shoe Joint

Meas Line Displace 16 BC

EQUIPMENT

Pumptrk 17 No. Cementer Travis
Helper Cody

Bulktrk No. Driver
Driver

Bulktrk 14 No. Driver
Driver Doug

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

8 5/8 on bottom Est Circulation. Mix Hosky Displace. Cement Circulated!!

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Black Tea

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 160 com 3% CC 2% Gel

Common	160
Poz. Mix	
Gel.	3
Calcium	5
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	168
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	8 5/8 Swage
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	22
Tax	
Discount	
Total Charge	

X Signature Ramiro Maldonado Jr.

Quality Oilwell Cementing

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

ne 785-483-2025 **Home Office P.O. Box 32 Russell, KS 67665** **No.** 7368
ell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-3-13	18			Rooks	KS		1:00p.m.

Location Plainville 2S AA Rd 2E ½S Into

Lease Paradise B Well No. 1

Owner

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Contractor A.P.S

Type Job Port Collar

Hole Size 7 7/8 T.D.

Charge To Black Tea

Csg. 5½ Depth

Street

Tbg. Size Depth

City State

Tool Dons Packer Depth 1366

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint

Cement Amount Ordered 225 60/40 4%gel ¼#/sk CFL7 (USED 180sk & CFL 7)

Meas Line Displace 6.8BL

EQUIPMENT

Common 180

Pumptrk 17 No. Cementer Nate G
Helper Cody

Poz. Mix

Bulktrk No. Driver Driver

Gel. 7

Bulktrk 1 No. Driver Driver Lonnie M.

Calcium

JOB SERVICES & REMARKS

Hulls

Salt

Remarks:

Rat Hole

Flowseal 50#

Mouse Hole

Kol-Seal

Centralizers

Mud CLR 48

Baskets

CFL-117 or CD110 CAF 38

D/V or Port Collar

Sand

Test 5½ to 800# Open Tool & mix 225 60/40 4%gel & Est Circulation mix 180sk Cement Circulate. Close Tool Test to 800#. Run 5 jnts Wash Clean.

Handling 225

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge port collar

Mileage 22

Tax

Discount

Total Charge

X Signature Nate G

Quality Oilwell Cementing

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

Geological Descriptions

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

limestone as above, in 3260 sample, flood limestone, light gray, cryptocrystalline, dense lithographic, no shows

grades back to limestone, varible gray, fossiliferous, some dolomitic and arenaceous, poor visible porosity, some gray limestone with large clasts, no shows

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

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

limestones as above with: limestone, cream to gray, chalky, fossiliferous, some scattered gray fossiliferous cherts

Heebner 3334 -1170 (Log 3333 -1169)

shale, black carbonaceous

limestone, gray, mottled, cherty, some pyritic

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

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 cherts

shale with: limestones, gray, mottled, fossiliferous to pelletal, dense, cherty and pyritic in partsome brown pelletal, cream cryptocrsytalline, no shows

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

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

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 fluorescence, fair slow milky cut, fair odor

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

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

limestone, white to tan, bioclastic, recrystallized and very cherty, fair interclast wormy vugs, fairly stained, bleeds slow sheen and gas bubbles, fleeting odor, slow poor cut, with limestone, white to pale green, cryptocrystalline, dense, lithographic, scattered chert

below 3525 in 3540 and 50 samples, influx tan weathered fine bioclastic, fair pinpoint porosity, very dense, saturated light brown stain, sheen oil, fleeting odor

limestone, cream to light gray, micro-cryptocrystalline, fossiliferous, mostly dense, some light brown to black spotty stain, some edge etching and pinpoint porosity, mostly barren, trace free oil, poor overall fluoresence, slow light cut, fleeting odor

limestone, white to cream, micro-cryptocrystalline, sub-lithographic to fossiliferous, fairly chalky, some pyritic, some scattered light staining, no show free oil, some scattered light gray opaque cherts

limestones as above with similar show, few pieces with light brown saturated stain, no show free oil, possible fleeting odor

limestone, as above

Base KC 3610 -1446 (Log 3599 -1435)

limestone, tan to cream, pink and pale green, microcrystalline, dense fossiliferous, grainy in part, some sandy, some spotted stained small vugs, few pieces spongy dense with some pinpoint porosity, saturated light stain, slight sheen, no odor, abundant green shale, some red shales, pink wash in samples

shale, red, green, maroon, mottled green and maroon, limestone, cream to cream/maroon hue, microcrystalline, fossiliferous, dense, no shows

Conglomerate Chert 3638 -1474 (Log 3732 -1468)

chert, orange, yellow, white and gray, fossiliferous, mostly fresh, some weathering, some slight tripolitic edges with stain, few pieces deep tripolitic vugs with stain, bleeding slight oil, faint odor, abundant green and red shales

grading to cherts as above, more tripolitic, more white cherts, abundant white tripolitic chert, saturated stain, bleeding oil and gas, good show free heavy tarry oil in tray, faint odor, no mineral fluoresence, poor to fair cut, marked decrease in shale

cfs samples - increasing tripolitic, stain heavy black gilsonitic, some still gassy, decrease in free oil

mixed cherts as above, some scattered staining, influx red shales and siltstone, samples heavy red wash, no free oil, no odor, abundant pyrite

cherts, mixed rose, green, olive, yellow, orange, brick red, red shales, samples wash red, trace dead stain, still abundant pyrite

Simpson 3700 -1536

sandstone, quartz, very fine grain, well rounded, sorted and cemented, abundant sandstone cemented in pyrite, abundant loose pyrite, no visible porosity, barren, no fluoresence

variable scattered green shales, abundant pyrite

sandstone and shale as above

Simpson dolomite 3728 -1564

dolomite, pale yellow, microcrystalline, soft, some weathered, trace sandy, poor visible porosity, dirty gray microcrystalline dolomite, no shows, no shows and no fluoresence, abundant bright turquoise shale, soft, grades to dolomite, white to light gray, microcrystalline, sub-rhombic, dense, barren, still abun. shale

Arbuckle 3736 -1572 (Log 3748 -1584)

dolomite, tan to pink and light gray, micro-crypto crystalline, rhombic to sub-rhombic and sub-sucrosic, some intercrystalline porosity, mostly dense with some caliche loading, abundant caliche in samples, barren, some scattered chert, no shows

dolomites as above, some sandy, caliche drops out, scattered good vuggy porosity, some white boney and pink cherts, some fossiliferous, abundant loose, large irregular and rhombic dolomite crystals, no shows

dolomite, orange and tan, some gray, medium crystalline, rhombic to re-crystallized, very good intercrystalline porosity, large vugs, with dolomite, light gray, micro-cryptocrystalline, mostly lithographic, chert and dolomite crystals as above, no shows

Rotary TD 3806 ft @ 1740 hrs 7/25/13
Gemini WirelineTD 3807 ft
Complete Logging Operations 0030 hrs 7/26/13

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

Kansas
Corporation Commission

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 15-163-24140-00-00
Paradise 'B' 1
NW/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