



Confidentiality Requested:

☐ Yes ☐ No

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

1248478

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

 Spud Date or  
Recompletion Date

Date Reached TD

 Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

 \_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

 \_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

 GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
 (e.g. xx.xxxxx) (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_

☐ Confidential Release Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

 ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto: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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> <b>CASING RECORD</b> <input type="checkbox"/> New    <input type="checkbox"/> Used         </div> <div style="text-align: center;">Report all strings set-conductor, surface, intermediate, production, etc.</div>							
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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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:		
					<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR.			Producing Method:				
			<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
							Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented    <input type="checkbox"/> Sold    <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>		<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole    <input type="checkbox"/> Perf.    <input type="checkbox"/> Dually Comp.    <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>		<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	DFK 5 1
Doc ID	1248478

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	265	Common	180	
Production	8.625	5.5	15.5	4408	Common	225	

**Black Tea Oil, LLC**

**Lease: DFK # 5**

**Sec.    Twp.    Rng.**

**County: Logan**

**KB- 9'**

**T.D.- 4358'**

**Port collar- 2063' sks- 600 sks , 1" – 175 Sks**

**5 1/2- 4408' sks- 225**

**Perfs: 4260-86' - morrow**

**Tubing: 15' MA-4341', SN-4326', 15 joints, BAC-4001.50', 117 joints on top, 133 joints total**

**Pump: 2 ½ x 1 ½ x 14 RWT spiral plunger TBG barrell**

**Rods: 172-3/4, 6', 2'-3/4 subs**

**2/17/15**

**RU K&M Rig 3 and pulled pump and rods, released tubing anchor and went down 2' and tagged sand, had 40' of fill, shut down.**

**2/18/15**

**Pulled tubing and RU Dan's Packer and rih with bulldog bailer and cleaned out sand and Rih with prod equip, loaded tubing hung well on, RDMO.**

## Summary of Changes

Lease Name and Number: DFK 5 1

API/Permit #: 15-109-21377-00-00

Doc ID: 1248478

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	265
Approved Date	02/13/2015	04/14/2015
CasingNumbSacksUsedPDF_2	230	225
CasingSettingDepthPDF_1	250	265
CasingSettingDepthPDF_2	4500	4408
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement Circulated From	2100	2063
If Alternate II Completion - Sacks of Cement	450	775
Kelly Bushing Elevation	2629	2631

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Multiple Stage Cementing Collar Depth	2100	2063
Perf_Material_1		see attached report
Perf_Record_1		see attached report
Producing Formation	Kansas City/Johnosn	see attached report
Save Link	../../../../kcc/detail/operatorE ditDetail.cfm?docID=12	../../../../kcc/detail/operatorE ditDetail.cfm?docID=12
TopsDatum1	42669 -1307	48478 -1629
TopsName1	Kansas City	Morrow
Total Depth	4500	4358

## Summary of Attachments

Lease Name and Number: DFK 5 1

API: 15-109-21377-00-00

Doc ID: 1248478

Correction Number: 1

Attachment Name



Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1242669

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_

☐ Confidential Release Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Form	ACO1 - Well Completion
Operator	Black Tea Oil, LLC
Well Name	DFK 5 1
Doc ID	1242669

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	16	250	Common	180	
Production	8.625	5.5	20	4500	Common	230	

# ALLIED OIL & GAS SERVICES, LLC 064369

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley, KS

DATE <u>12-8-14</u>	SEC. <u>35</u>	TWP. <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>4:30 pm</u>	JOB START <u>6:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>DFKS</u>	WELL # <u>81</u>	LOCATION <u>Oakley, 235 Y&amp;E, N4</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				Emitu			

CONTRACTOR Landmark 5  
TYPE OF JOB Surface  
HOLE SIZE 12 1/4 T.D. 285'  
CASING SIZE 8 7/8 DEPTH 282.11'  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG. 15'  
PERFS.  
DISPLACEMENT 160 Q61

OWNER Same  
CEMENT  
AMOUNT ORDERED 180 sks cement 38cc  
270 gal  
COMMON 180 sks @ 17.70 3222.00  
POZMIX @  
GEL 338 # @ .50 169.00  
CHLORIDE 508 # @ 1.10 558.80  
ASC @

## EQUIPMENT

PUMP TRUCK CEMENTER Lakene E. Wank  
# 373/281 HELPER Wayne McGhugh  
BULK TRUCK  
# 818/287 DRIVER Picardo Martinez (Toss)  
BULK TRUCK  
# DRIVER George Grant

Material Total 3949.80  
(394.98/10%)  
HANDLING 194.64 sk @ 2.48 482.71  
MILEAGE 288 km x 24 x 2.95 586.08

## REMARKS:

Mix 180 sks cement  
Displace with water  
Cement did circulate  
15 sks to pit

TOTAL

## SERVICE

DEPTH OF JOB 282.11'  
PUMP TRUCK CHARGE 1512.25  
EXTRA FOOTAGE @  
MILEAGE MLHV 24 @ 7.70 184.80  
MANIFOLD Swage @ 275.00  
MLCV 24 @ 4.40 105.60

(314.64/10%) TOTAL 3146.44

CHARGE TO: Black Tea  
STREET  
CITY STATE ZIP

## PLUG & FLOAT EQUIPMENT

@  
@  
@  
@  
@

TOTAL

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.

SALES TAX (If Any)

TOTAL CHARGES 7,096.24

DISCOUNT 709.62 (10%) IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE [Signature]

6,386.61 Net



FIELD RECEIPT NO. 10011125480

CUSTOMER BLACK TEA OIL LLC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040140007 - 0040140007		INVOICE NUMBER	
MAIL INVOICE TO 1011 CENTENNIAL BOULEVARD, SUITE B				CITY HAYS		STATE Kansas		ZIP CODE 67601			
DATE WORK COMPLETED		MO. 12	DAY 15	YEAR 2014	BHI REPRESENTATIVE Jack A Roberts		WELL API NO: 15109213770000		WELL TYPE : New Well		
DISTRICT PP, PERRYTON					JOB DEPTH (ft) 4,401		WELL CLASS : Oil				
WELL NAME AND NUMBER DFK 5 #1					TD WELL DEPTH (ft) 4,401		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 35-14S-32W			COUNTY/PARISH Logan		STATE Kansas		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100022	Class H Cement				sacks	140	40.100	5,614.00	45%	3,087.70	
100275	Sodium Metasilicate				lbs	97	4.100	397.70	45%	218.74	
100295	Cello Flake				lbs	55	5.100	280.50	45%	154.28	
100404	Sodium Chloride				lbs	332	0.520	172.64	45%	94.95	
488019	FP-6L				gals	3	104.250	312.75	45%	172.01	
488073	FL-62				lbs	88	21.550	1,896.40	45%	1,043.02	
499634	Kol-Seal, 50 lb bag				lbs	880	1.250	1,100.00	45%	605.00	
499680	Static Free				lbs	4	40.700	162.80	45%	89.54	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	5	147.000	735.00	45%	404.25	
L425411-00	Lafarge Red Rock Poz				sack	110	16.400	1,804.00	45%	992.20	
SUB-TOTAL FOR Product Material								12,475.79	45.00%	6,861.69	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	171	5.450	931.95	45%	512.57	
SUB-TOTAL FOR Service Charges								1,141.95	36.72%	722.57	
ARRIVE LOCATION :				MO. 12	DAY 15	YEAR 2014	TIME 06:00	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			
CUSTOMER REP. Gerald Achatz								CUSTOMER AUTHORIZED AGENT X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED X <i>[Signature]</i>			



FIELD RECEIPT NO. 10011125480

CUSTOMER BLACK TEA OIL LLC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040140007 - 0040140007		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 1011 CENTENNIAL BOULEVARD, SUITE B				CITY HAYS		STATE Kansas		ZIP CODE 67601			
DATE WORK MO. DAY YEAR		12 15 2014		BHI REPRESENTATIVE Jack A Roberts		WELL API NO: 15109213770000		WELL TYPE : New Well			
DISTRICT PP, PERRYTON						JOB DEPTH(ft) 4,401		WELL CLASS : Oil			
WELL NAME AND NUMBER DFK 5 #1				TD WELL DEPTH(ft) 4,401		GAS USED ON JOB : No Gas					
WELL LOCATION : 35-14S-32W		LEGAL DESCRIPTION Logan		COUNTY/PARISH Kansas		JOB TYPE CODE : Long String					
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
F061A		Cement Pumping, 4001 - 5000 ft		6hrs		1		6,450.000		45%	
F090		Fuel per pump charge - cement		pump/hr		6		70.250		0%	
J050		Cement Head		job		1		830.000		45%	
J225		Data Acquisition, Cement, Standard		job		1		2,130.000		45%	
J390		Mileage, Heavy Vehicle		miles		400		11.850		45%	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		400		6.700		45%	
J553		Circulating Equipment		job		1		2,380.000		45%	
		SUB-TOTAL FOR Equipment						19,631.50		44.03%	
J401		Bulk Delivery, Dry Products		ton-mi		1462		3.940		45%	
		SUB-TOTAL FOR Freight/Delivery Charges						5,760.28		45.00%	
		FIELD ESTIMATE						39,009.52		44.27%	
										21,739.41	
ARRIVE LOCATION : MO. DAY YEAR 12 15 2014		TIME 06:00		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.							
CUSTOMER REP. Gerald Achatz				CUSTOMER AUTHORIZED AGENT X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED X <i>[Signature]</i>							



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MAIL STREET OR BOX NUMBER 1011 CENTENNIAL BOULEVARD, SUITE B				CITY HAYS		STATE Kansas		ZIP CODE 67601			
DATE WORK COMPLETED		MO. 12	DAY 15	YEAR 2014	BHI REPRESENTATIVE Jack A Roberts		WELL API NO: 15109213770000		WELL TYPE: New Well		
DISTRICT PP, PERRYTON							JOB DEPTH(ft) 4,401		WELL CLASS: Gas		
WELL NAME AND NUMBER DFK 5 #1					TD WELL DEPTH(ft) 4,401		GAS USED ON JOB: No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 35-14S-32W			COUNTY/PARISH Logan		STATE Kansas		JOB TYPE CODE: Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100022	Class H Cement				sacks	140				3,087.70	
100275	Sodium Metasilicate				lbs	92				207.46	
100295	Cello Flake				lbs	46				129.03	
100404	Sodium Chloride				lbs	330				94.38	
488019	FP-6L				gals	3				172.01	
488073	FL-62				lbs	84				995.61	
499634	Kol-Seal, 50 lb bag				lbs	880				605.00	
499680	Static Free				lbs	4				89.54	
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	5				404.25	
L425411-00	Lafarge Red Rock Poz				sack	110				992.20	
SUB-TOTAL FOR Product Material										6,777.18	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1				210.00	
M100	Bulk Materials Blending Charge				cu ft	279				836.30	
SUB-TOTAL FOR Service Charges										1,046.30	
ARRIVE LOCATION :		MO. 12	DAY 15	YEAR 2014	TIME 06:00		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				
CUSTOMER REP. Gerald Achatz						SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER. X CUSTOMER AUTHORIZED AGENT X BHI APPROVED					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							CUSTOMER AUTHORIZED AGENT X Randy Shute				



FIELD RECEIPT NO. 10011125480

CUSTOMER BLACK TEA OIL LLC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040140007 - 0040140007		INVOICE NUMBER		
MAIL INVOICE TO STREET OR BOX NUMBER 1011 CENTENNIAL BOULEVARD, SUITE B				CITY HAYS		STATE Kansas		ZIP CODE 67601				
DATE WORK COMPLETED		MO. 12	DAY 15	YEAR 2014	BHI REPRESENTATIVE Jack A Roberts		WELL API NO: 15109213770000		WELL TYPE: New Well			
DISTRICT PP, PERRYTON					JOB DEPTH(ft) 4,401		WELL CLASS: Gas					
WELL NAME AND NUMBER DFK 5 #1					TD WELL DEPTH(ft) 4,401		GAS USED ON JOB: No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 35-14S-32W			COUNTY/PARISH Logan		STATE Kansas		JOB TYPE CODE: Long String			
PRODUCT CODE		DESCRIPTION			UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
F061A		Cement Pumping, 4001 - 5000 ft			6hrs		1				3,547.50	
F090		Fuel per pump charge - cement			pump/hr		6				421.50	
J050		Cement Head			job		1				456.50	
J225		Data Acquisition, Cement, Standard			job		1				1,171.50	
J390		Mileage, Heavy Vehicle			miles		400				2,607.00	
J391		Mileage, Auto, Pick-Up or Treating Van			miles		800				2,948.00	
J553		Circulating Equipment			job		1				1,309.00	
J401		Bulk Delivery, Dry Products			ton-mi		2275				4,929.93	
		SUB-TOTAL FOR Freight/Delivery Charges									4,929.93	
		FIELD ESTIMATE									25,214.41	
ARRIVE LOCATION :		MO. 12	DAY 15	YEAR 2014	TIME 06:00		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.					
CUSTOMER REP. Gerald Achatz						CUSTOMER AUTHORIZED AGENT X						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS						BHI APPROVED X <i>[Signature]</i>						





Job ID: 10011125480 Estimate No: 10011125468

Operator Name: BLACK TEA OIL LLC  
Well Name: DFK 5 #1  
Job Description: 5-1/2" x 7-7/8 OH - 4600' MD  
Date: December 13, 2014

### JOB SUMMARY/SERVICE ORDER

Depth (TVD)	4,600 ft
Depth (MD)	4,600 ft
Hole Size	7.875 in
Casing Size	5 1/2 in, 15.5 lbs/ft
Pump Via	5 1/2" O.D. (4.950" I.D) 15.5 #
Total Mix Water	771 gals
Scavenger Slurry	27 bbls
Scavenger	11.0 ppq
Density	3.03 cf/sack
Yield	41 bbls
Cement Slurry	14.3 ppq
Arkoma Lite w/ Adds	1.36 cf/sack
Density	109 bbls
Displacement	9.0 ppq
Displacement Fluid	6 bbls
Density	16.4 ppq
Cement Slurry	1.06 cf/sack
Fill in for Rat hole	
Density	
Yield	
Estimated Price	\$25,574.70

Summary of Changes Agreed to on Location (to be Initialed by Customer):

**TERMS:** IN THE ABSENCE OF A MASTER SERVICE AGREEMENT BETWEEN BAKER HUGHES AND CUSTOMER, THE BAKER HUGHES WORLDWIDE TERMS AND CONDITIONS ATTACHED HERETO SHALL GOVERN THE PRODUCTS AND SERVICES PROVIDED HEREUNDER. THE TERMS AND CONDITIONS CONTAIN INDEMNITIES, WAIVERS OF WARRANTIES AND LIMITATIONS ON REMEDIES AND SHOULD BE CAREFULLY REVIEWED BY CUSTOMER.

**SERVICE ORDER:** I authorize work to begin as described above and in accordance with the attached Baker Hughes Worldwide Terms and Conditions. I represent that I have authority to accept and sign this Service Order.  
Customer Authorized Representative  
Date: 12/14/14