



Confidentiality Requested:

Yes  No

**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: \_\_\_\_\_

1249451

Operator Name: \_\_\_\_\_ 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](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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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 <i>(Amount and Kind of Material Used)</i>	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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---



Black Tea Oil

Krebs Q2

LTD 4471

Port Collar 2150 400 sks

Perfs

Johnson	4370-76,4354-60,4322-24	3000 gal 15% INS
---------	-------------------------	------------------

## Summary of Changes

Lease Name and Number: Krebs Q 2

API/Permit #: 15-063-22170-00-00

Doc ID: 1249451

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	264
Approved Date	04/30/2014	04/14/2015
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPDF F_1	250	264
CasingSettingDepthPDF F_2	4450	4502
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement Circulated From	2100	2150
If Alternate II Completion - Cement Circulated To		0

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
If Alternate II Completion - Sacks of Cement	450	400
Method Of Completion - Perf	No	Yes
Multiple Stage Cementing Collar Depth	2100	2150
Perf_Record_1		see attached report
Plug Back Total Depth	4450	4471
Producing Formation	KANSAS CITY / JOHNSON	JOHNSON
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1201994	../../../../kcc/detail/operatorEditDetail.cfm?docID=1249451
TopsDatum1	-1307	-1593
TopsDepth1	4036	4322
TopsName1	KANSAS CITY	johnson
Total Depth	4450	4510

## Summary of Attachments

Lease Name and Number: Krebs Q 2

API: 15-063-22170-00-00

Doc ID: 1249451

Correction Number: 1

Attachment Name



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1201994  
OIL & GAS CONSERVATION DIVISION

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: \_\_\_\_\_



Operator Name: \_\_\_\_\_ 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 Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

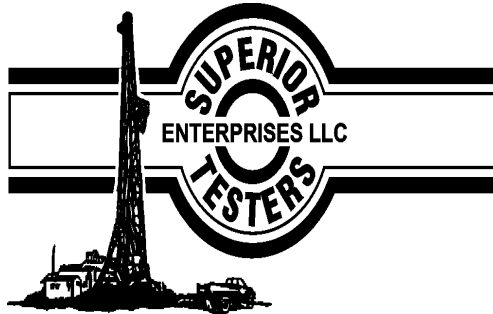
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--





## DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil, LLC.**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

ATTN: Chris Leiker

### **Krebs Q #2**

### **30/14s/31w/Gove**

Start Date: 2014.01.13 @ 03:20:00

End Date: 2014.01.13 @ 13:11:30

Job Ticket #: 18227                      DST #: 1

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

Printed: 2014.01.13 @ 13:42:23

Black Tea Oil, LLC. 30/14s/31w/Gove Krebs Q #2 DST # 1 LKC 2014.01.13



# DRILL STEM TEST REPORT

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18227

**DST#: 1**

ATTN: Chris Leiker

Test Start: 2014.01.13 @ 03:20:00

## GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:46:00

Time Test Ended: 13:11:30

Test Type: Conventional Straddle (Initial)

Tester: Shane Konzem

Unit No: 3325/50/Scott City

**Interval: 3723.00 ft (KB) To 3738.00 ft (KB) (TVD)**

Reference Elevations: 2727.00 ft (KB)

Total Depth: 3766.00 ft (KB) (TVD)

2720.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 6838**

**Inside**

Press @ Run Depth: 98.67 psia @ 3736.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.13

End Date: 2014.01.13

Last Calib.: 2014.01.13

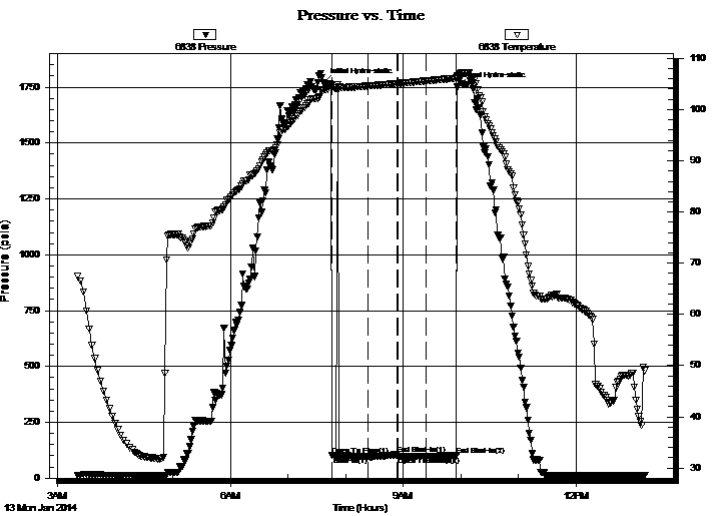
Start Time: 03:21:00

End Time: 13:11:30

Time On Btm: 2014.01.13 @ 07:37:00

Time Off Btm: 2014.01.13 @ 09:57:00

**TEST COMMENT:** 1st Open/ 30 Minutes. No blow, flushed tool and had good flush bubbles and gained no blow.  
1st Shut In/ 30 Minutes. No blow back.  
2nd Open/ 30 Minutes. No blow.  
2nd Shut In/ 30 Minutes. No blow back.



## PRESSURE SUMMARY

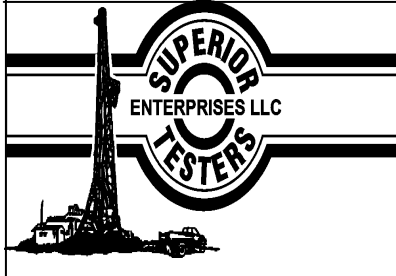
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1770.13	103.85	Initial Hydro-static
9	101.91	104.30	Open To Flow (1)
47	98.18	104.60	Shut-In(1)
77	105.30	105.08	End Shut-In(1)
78	98.55	105.10	Open To Flow (2)
107	98.67	105.61	Shut-In(2)
139	103.29	106.13	End Shut-In(2)
140	1750.41	106.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% mud	0.89

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Black Tea Oil, LLC.  
 1011 Centennial Blvd. STE B  
 Hays Ks, 67601  
 ATTN: Chris Leiker

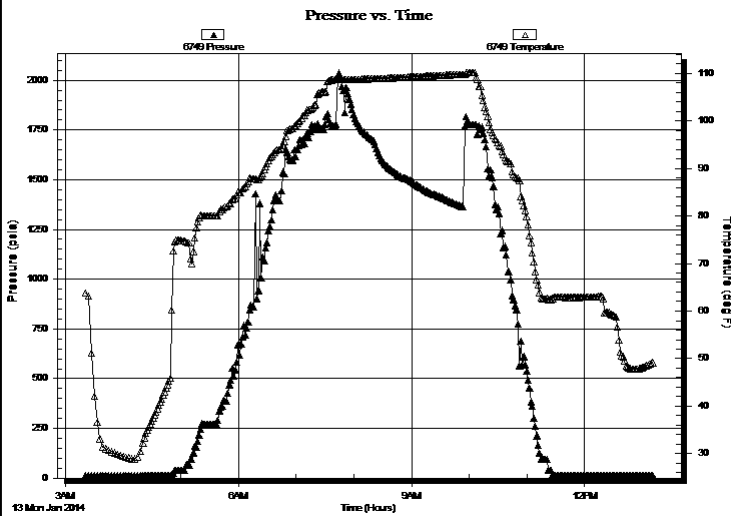
**30/14s/31w/Gove**  
**Krebs Q #2**  
 Job Ticket: 18227 **DST#: 1**  
 Test Start: 2014.01.13 @ 03:20:00

## GENERAL INFORMATION:

<b>Formation:</b>	<b>LKC</b>			<b>Test Type:</b>	Conventional Straddle (Initial)
<b>Deviated:</b>	No	<b>Whipstock:</b>	ft (KB)	<b>Tester:</b>	Shane Konzem
<b>Time Tool Opened:</b>	07:46:00			<b>Unit No:</b>	3325/50/Scott City
<b>Time Test Ended:</b>	13:11:30			<b>Reference Elevations:</b>	2727.00 ft (KB)
<b>Interval:</b>	<b>3723.00 ft (KB) To 3738.00 ft (KB) (TVD)</b>				2720.00 ft (CF)
<b>Total Depth:</b>	3766.00 ft (KB) (TVD)			<b>KB to GR/CF:</b>	7.00 ft
<b>Hole Diameter:</b>	7.88 inches	<b>Hole Condition:</b>	Poor		

<b>Serial #:</b>	<b>6749</b>	<b>Outside</b>		<b>Capacity:</b>	5000.00 psia
<b>Press @ Run Depth:</b>		psia @	3765.75 ft (KB)	<b>Last Calib.:</b>	2014.01.13
<b>Start Date:</b>	2014.01.13	<b>End Date:</b>	2014.01.13	<b>Time On Btm:</b>	
<b>Start Time:</b>	03:21:00	<b>End Time:</b>	13:11:00	<b>Time Off Btm:</b>	

**TEST COMMENT:** 1st Open/ 30 Minutes. No blow , flushed tool and had good flush bubbles and gained no blow .  
 1st Shut In/ 30 Minutes. No blow back.  
 2nd Open/ 30 Minutes. No blow .  
 2nd Shut In/ 30 Minutes. No blow back.



## PRESSURE SUMMARY

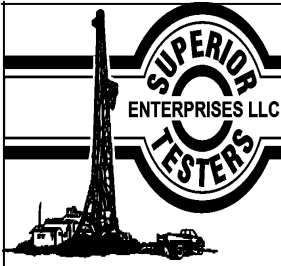
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% mud	0.89

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18227

**DST#: 1**

ATTN: Chris Leiker

Test Start: 2014.01.13 @ 03:20:00

## Tool Information

Drill Pipe:	Length: 3632.00 ft	Diameter: 3.80 inches	Volume: 50.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 87.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 51.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3723.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	3737.75 ft			
Interval between Packers:	14.75 ft			
Tool Length:	72.75 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments: Shale Pacer used.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3701.00		
Hydraulic Tool	5.00			3706.00		
Jars	5.00			3711.00		
Safety Joint	2.00			3713.00		
Packer	5.00			3718.00	27.00	Bottom Of Top Packer
Packer	5.00			3723.00		
Perforations	12.00			3735.00		
Recorder	1.00	6838	Inside	3736.00		
Recorder	1.00	6748	Outside	3737.00		
Blank Off Sub	0.75			3737.75	14.75	Tool Interval
Packer	5.00			3742.75		
Anchor	22.00			3764.75		
Recorder	1.00	6749	Outside	3765.75		
Bullnose	3.00			3768.75	31.00	Bottom Packers & Anchor

**Total Tool Length: 72.75**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18227

**DST#: 1**

ATTN: Chris Leiker

Test Start: 2014.01.13 @ 03:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100% mud	0.891

Total Length: 120.00 ft      Total Volume: 0.891 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

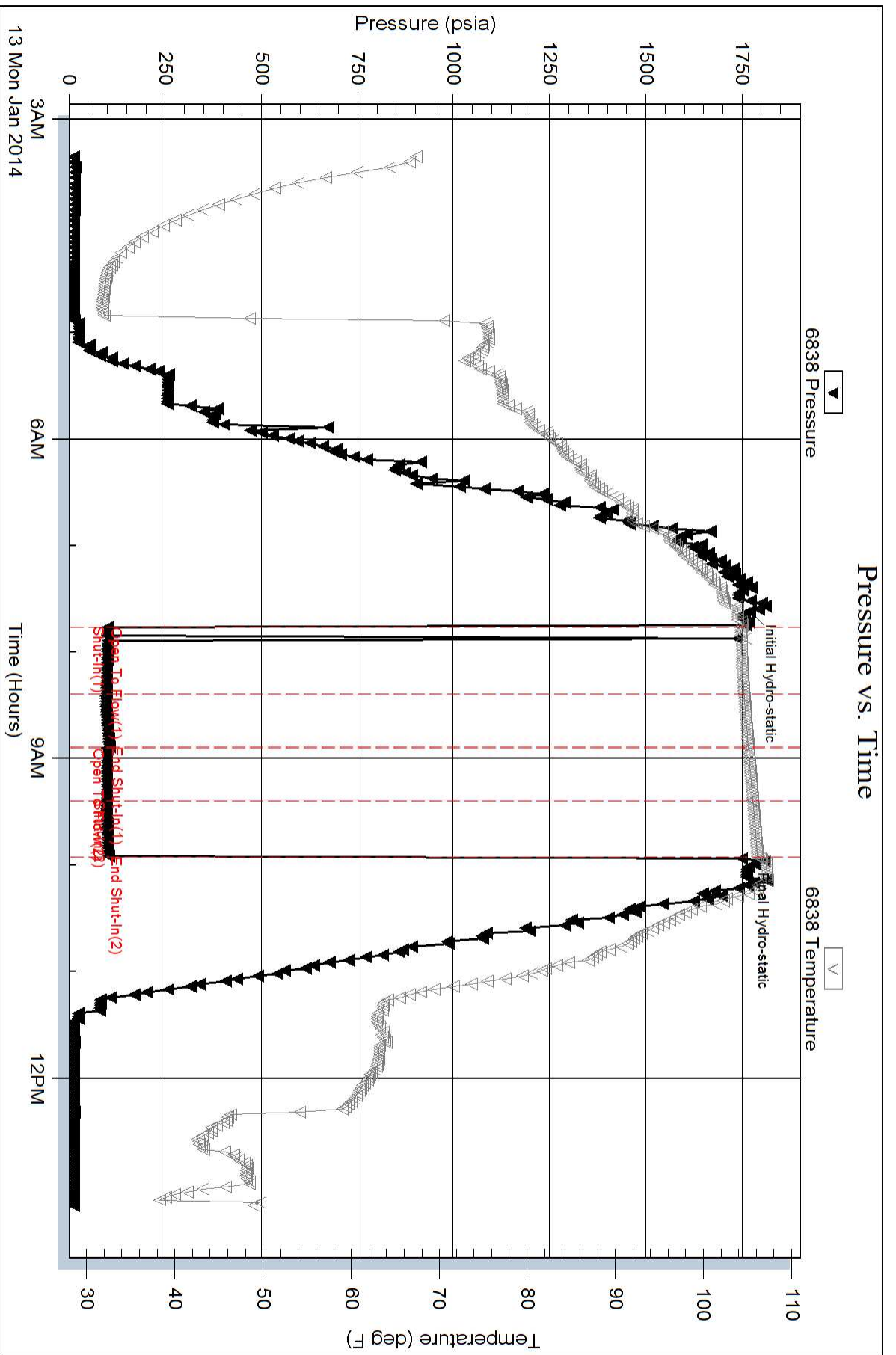
Serial #: 6838

Inside

Black Tea Oil, LLC.

Krebs Q#2

DST Test Number: 1



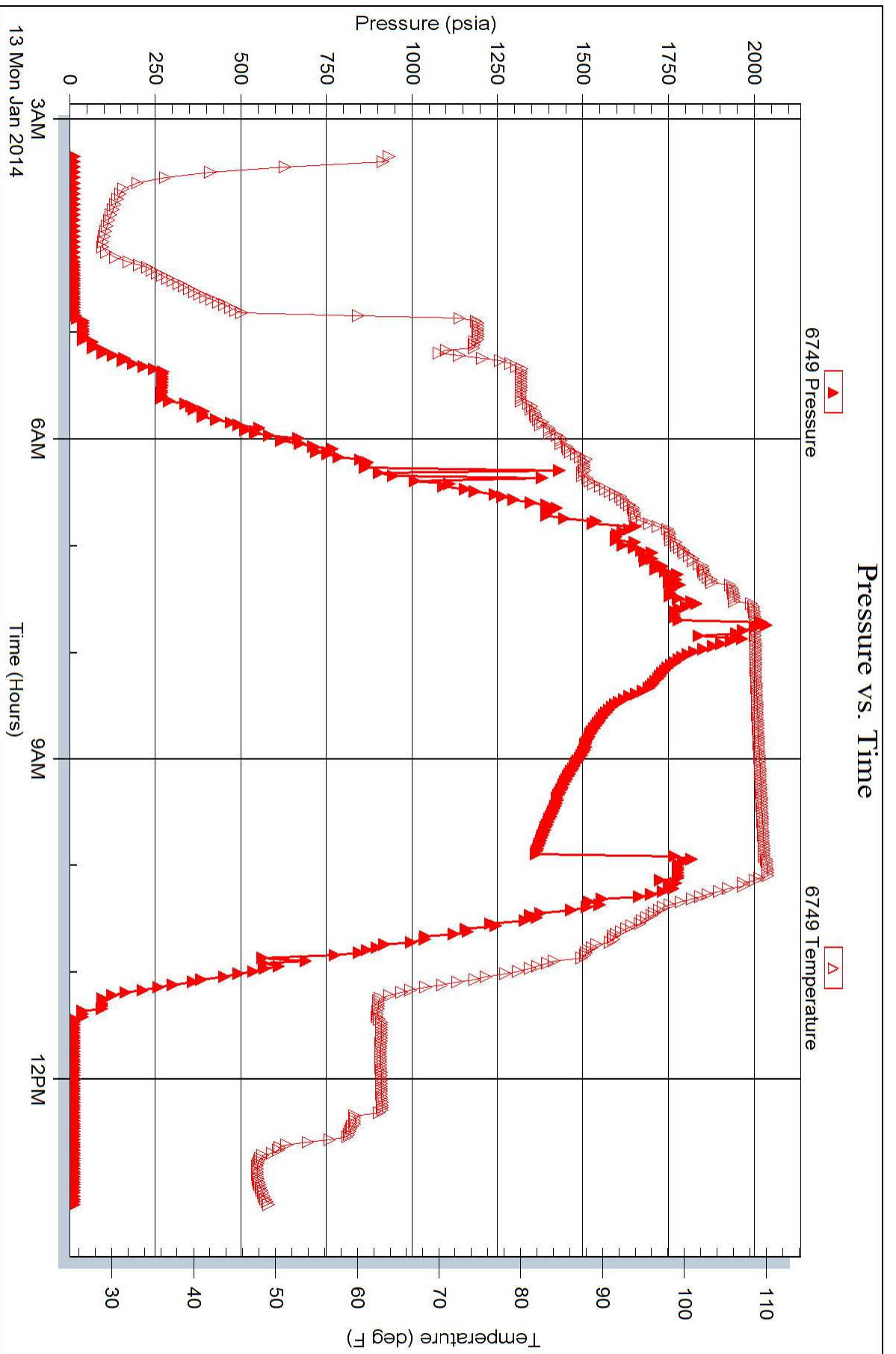


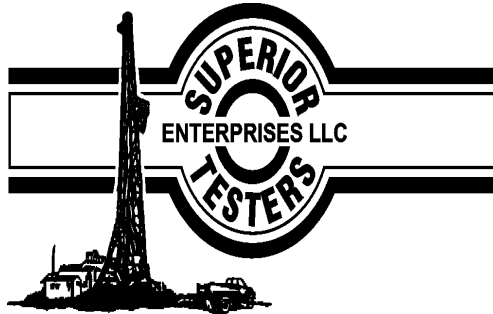
Serial #: 6749

Outside Black Tea Oil, LLC.

Krebs Q#2

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil, LLC.**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

ATTN: Chris Leiker

**Krebs Q #2**

**30/14s/31w/Gove**

Start Date: 2014.01.14 @ 06:15:00

End Date: 2014.01.14 @ 13:19:00

Job Ticket #: 18228                      DST #: 2

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

Printed: 2014.01.14 @ 13:42:30



# DRILL STEM TEST REPORT

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18228

**DST#: 2**

ATTN: Chris Leiker

Test Start: 2014.01.14 @ 06:15:00

## GENERAL INFORMATION:

Formation: **Lower LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:30

Time Test Ended: 13:19:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3325/50/scott City

**Interval: 3952.00 ft (KB) To 4002.00 ft (KB) (TVD)**

Reference Elevations: 2727.00 ft (KB)

Total Depth: 4002.00 ft (KB) (TVD)

2720.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 6749**

**Inside**

Press @ Run Depth: 107.29 psia @ 3998.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.14

End Date: 2014.01.14

Last Calib.: 2014.01.14

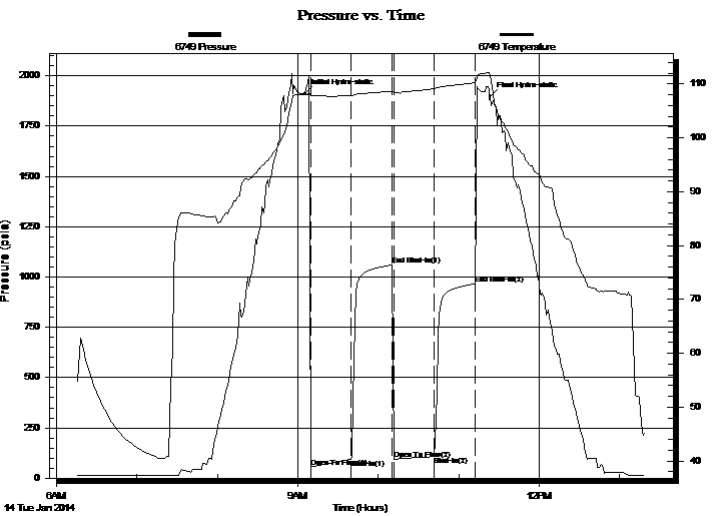
Start Time: 06:15:00

End Time: 13:19:00

Time On Btm: 2014.01.14 @ 09:05:30

Time Off Btm: 2014.01.14 @ 11:23:30

**TEST COMMENT:** 1st Open/ 30 Minutes. Weak surface blow .  
1st Shut In/ 30 Minutes. No blow back.  
2nd Open/ 30 Minutes. No blow , flushed tool had good flush bubbles and gained a weak surface blow .  
2nd Shut In/ 30 Minutes. No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1911.76	108.08	Initial Hydro-static
4	54.53	107.83	Open To Flow (1)
35	92.25	107.82	Shut-In(1)
65	1060.14	108.67	End Shut-In(1)
66	94.79	108.45	Open To Flow (2)
96	107.29	109.09	Shut-In(2)
127	966.53	110.20	End Shut-In(2)
138	1897.40	111.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil	0.02
118.00	5% Oil, 95% mud	0.91

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18228

**DST#: 2**

ATTN: Chris Leiker

Test Start: 2014.01.14 @ 06:15:00

## GENERAL INFORMATION:

Formation: **Lower LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:09:30

Time Test Ended: 13:19:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3325/50/scott City

**Interval: 3952.00 ft (KB) To 4002.00 ft (KB) (TVD)**

Reference Elevations: 2727.00 ft (KB)

Total Depth: 4002.00 ft (KB) (TVD)

2720.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

**Serial #: 6838 Outside**

Press @ Run Depth: 966.93 psia @ 3999.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.14

End Date: 2014.01.14

Last Calib.: 2014.01.14

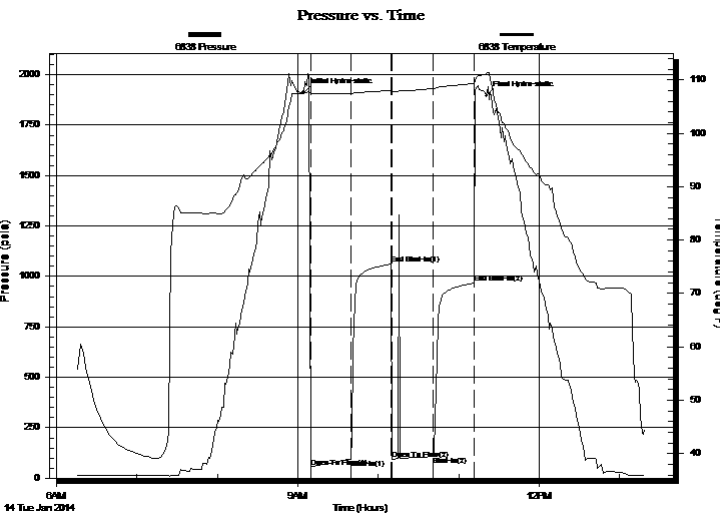
Start Time: 06:15:00

End Time: 13:19:00

Time On Btm: 2014.01.14 @ 09:04:30

Time Off Btm: 2014.01.14 @ 11:20:30

**TEST COMMENT:** 1st Open/ 30 Minutes. Weak surface blow .  
1st Shut In/ 30 Minutes. No blow back.  
2nd Open/ 30 Minutes. No blow , flushed tool had good flush bubbles and gained a weak surface blow .  
2nd Shut In/ 30 Minutes. No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1911.88	107.44	Initial Hydro-static
5	55.95	107.50	Open To Flow (1)
35	93.06	107.36	Shut-In(1)
65	1060.21	108.03	End Shut-In(1)
66	95.23	107.88	Open To Flow (2)
97	107.53	108.38	Shut-In(2)
127	966.93	109.34	End Shut-In(2)
136	1895.68	111.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil	0.02
118.00	5% Oil, 95% mud	0.91

## Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18228

**DST#: 2**

ATTN: Chris Leiker

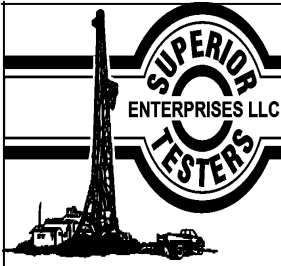
Test Start: 2014.01.14 @ 06:15:00

## Tool Information

Drill Pipe:	Length: 3855.00 ft	Diameter: 3.80 inches	Volume: 54.08 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2000.00 lb
Drill Collar:	Length: 87.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3952.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer Used.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3930.00	
Hydraulic Tool	5.00			3935.00	
Jars	5.00			3940.00	
Safety Joint	2.00			3942.00	
Packer	5.00			3947.00	27.00 Bottom Of Top Packer
Packer	5.00			3952.00	
Anchor	45.00			3997.00	
Recorder	1.00	6749	Inside	3998.00	
Recorder	1.00	6838	Outside	3999.00	
Bullnose	3.00			4002.00	50.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>77.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Black Tea Oil, LLC.

**30/14s/31w/Gove**

1011 Centennial Blvd. STE B  
Hays Ks, 67601

**Krebs Q #2**

Job Ticket: 18228

**DST#: 2**

ATTN: Chris Leiker

Test Start: 2014.01.14 @ 06:15:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 5000.00 ppm

Filter Cake: inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
5.00	Clean Oil	0.025
118.00	5% Oil, 95% mud	0.908

Total Length: 123.00 ft

Total Volume: 0.933 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6749

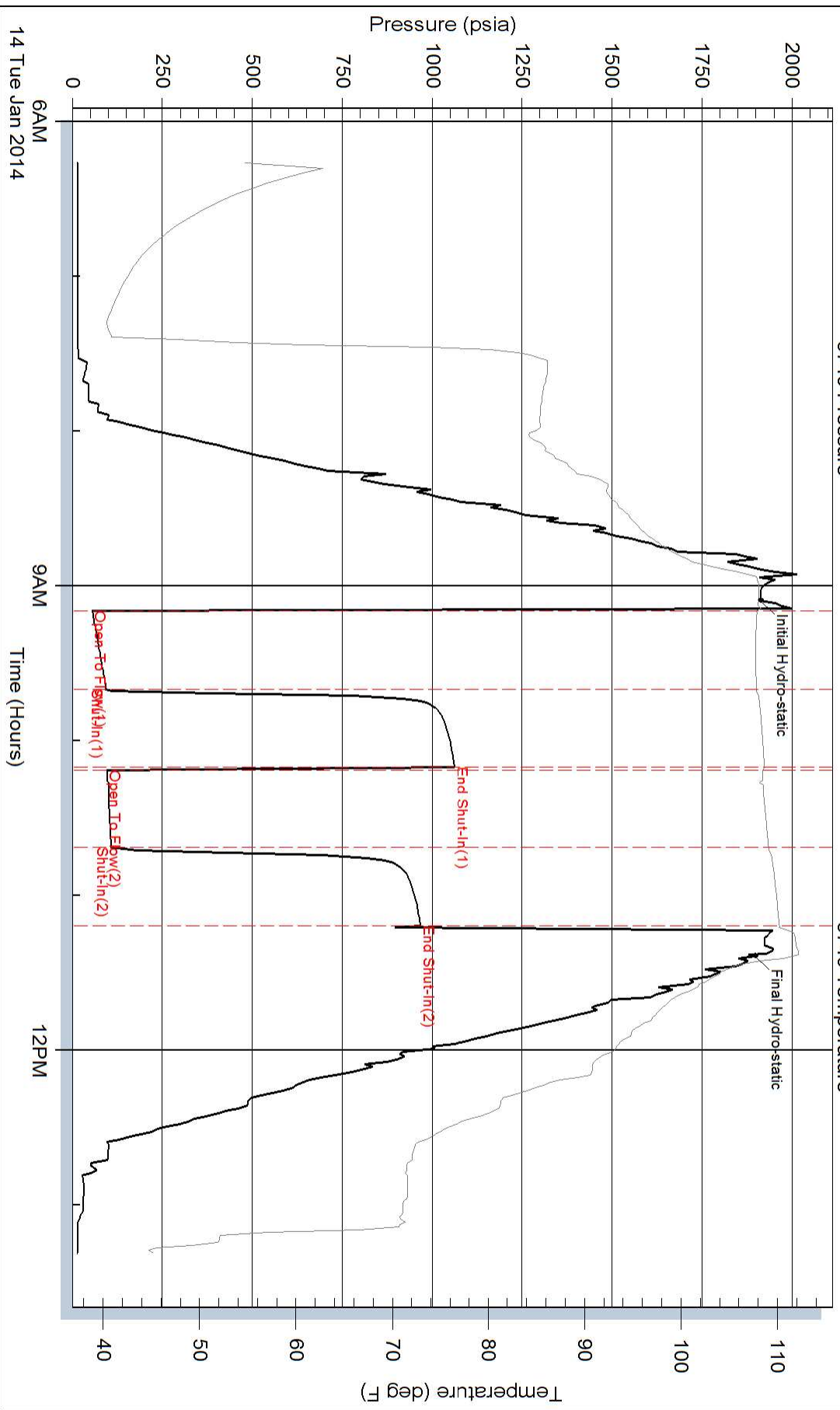
Inside

Black Tea Oil, LLC.

Krebs Q#2

DST Test Number: 2

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 18228

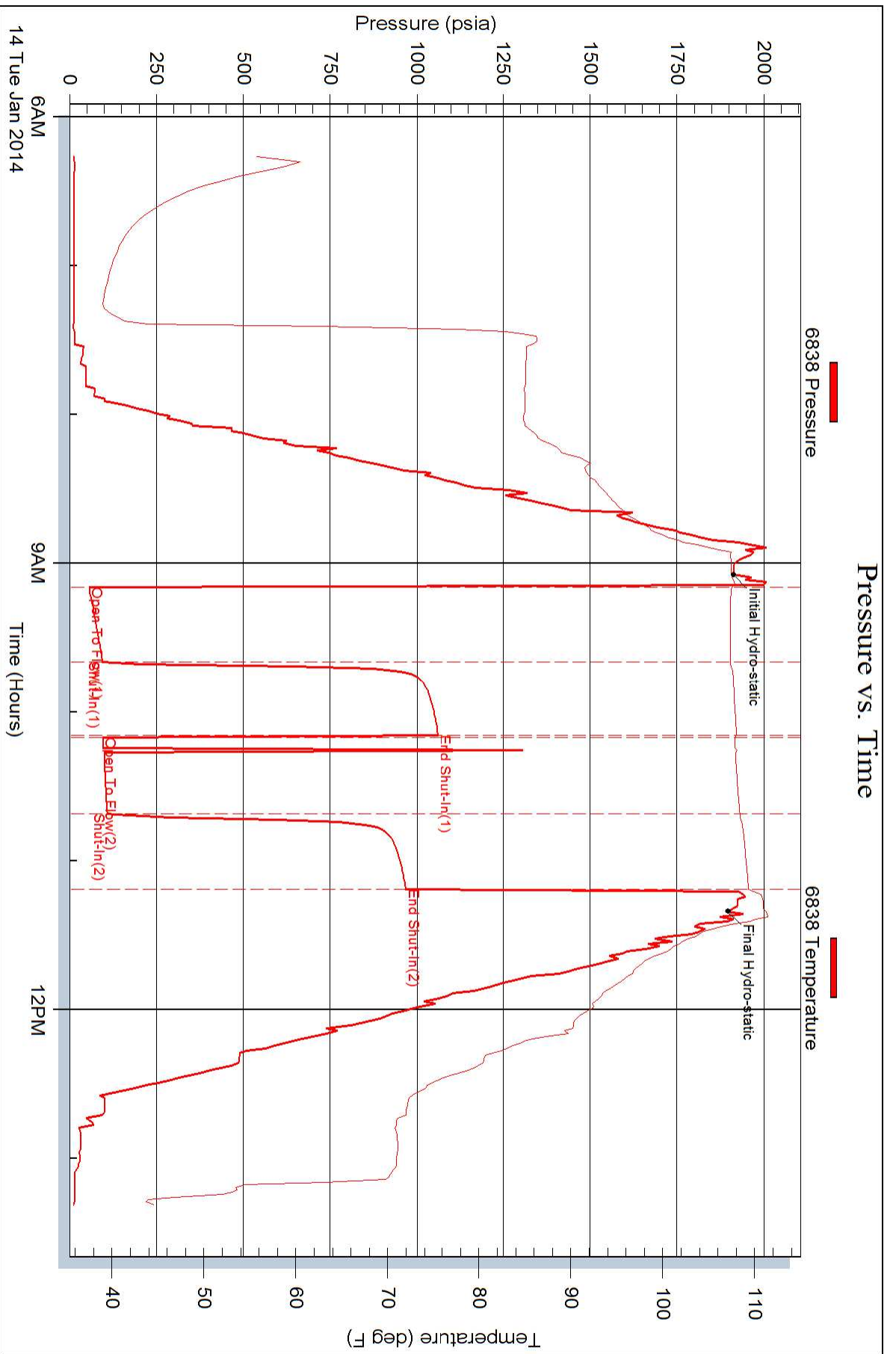
Printed: 2014.01.14 @ 13:42:30

Serial #: 6838

Outside Black Tea Oil, LLC.

Krebs Q#2

DST Test Number: 2



Superior Testers Enterprises LLC

Ref. No: 18228

Printed: 2014.01.14 @ 13:42:30





**CONSOLIDATED**  
Oil Well Services, LLC

265247

TICKET NUMBER 44592  
LOCATION Oakley Ks  
FOREMAN Jerry Y

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-8-14	5007	Krebs Q #2	30	145	31W	Logan
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Black Tea			57	Cory D		
MAILING ADDRESS			693	Michael R		
1101 Centennial Blvd			assist	Travis W		
CITY	STATE	ZIP CODE	assist	Jeff K		
Hays	Ks	67601				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 264 CASING SIZE & WEIGHT 8 5/8 24#  
 CASING DEPTH 264 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 15 1/2 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Softly meeting string upon landmark 5 break circulation w/ right tree mix 180sk com class A cement w/ 3% calcium chloride 2% gel wash up & displaced with 15 1/2 bbl fresh water & slatin, circulated approx 5 bbl to pit

Cement did circulate Thanky Jerry  
& crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00 ✓
5406	20	MILEAGE	5.25	105.00 ✓
5407	8.5	ton miles delivery (min)	430.00	430.00 ✓
11045	183 sks	com class A cement	18.55	3339.00 ✓
1102	508 #	calcium chloride	.94	477.52 ✓
11186	338 #	hentonitegel	.27	91.26 ✓
			Subtotal	5592.28 ✓
			less 10% disc	559.28 ✓
			Subtotal	5033.00 ✓
			7.65	SALES TAX 269.05 ✓
				ESTIMATED TOTAL 5302.55 ✓

completed

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# ALLIED OIL & GAS SERVICES, LLC 062204

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oakley, KS

DATE <u>1-17-14</u>	SEC. <u>30</u>	TWP. <u>14</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00PM</u>	JOB FINISH <u>8:30PM</u>
LEASE <u>Krebs Q</u>	WELL # <u>#2</u>	LOCATION <u>Oakley 255 SE N4E</u>			COUNTY <u>Nowe</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>into</u>				

CONTRACTOR Sandmaste #5  
 TYPE OF JOB Prod  
 HOLE SIZE 7 7/8 T.D. 4510  
 CASING SIZE 5 1/2 DEPTH 4502  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL Particular DEPTH 2141  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 20.88  
 PERFS.  
 DISPLACEMENT 106 1/2

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 230 lbs ASC 109200  
27 gal 5# Sulsonite

EQUIPMENT  
 PUMP TRUCK CEMENTER Kelly Grabel  
 # 431 HELPER Wayne McGibghy  
 BULK TRUCK  
 # 815+287 DRIVER Goddie (Two)  
 BULK TRUCK  
 # DRIVER

COMMON	⊙		
POZMIX	⊙		
GEL	⊙	<u>4000</u>	<u>2340</u> <u>9300</u>
CHLORIDE	⊙		
ASC	⊙	<u>2000</u>	<u>2000</u> <u>480700</u>
<u>Sulsonite</u>	⊙	<u>24 lbs</u>	<u>2635</u> <u>63200</u>
<u>Sulsonite</u>	⊙	<u>1150 #</u>	<u>.98</u> <u>112700</u>
<u>Superflush</u>	⊙	<u>12661</u>	<u>5820</u> <u>76440</u>
	⊙		
	⊙		
	⊙		
	⊙		
HANDLING	⊙	<u>294.15 cuft</u>	<u>240</u> <u>72949</u>
MILEAGE	⊙	<u>12.857 mi x 2.5 x 2.50</u>	<u>7835.25</u>
TOTAL			<u>892914</u>

REMARKS:  
run pipe to bottom & circulated  
for 1 hr, mixed flush, mixed 30 lbs  
PT, mixed 200 lbs Asc down center  
released plug & displaced with bbl  
Water with a gift of 900# Plug landed @  
1500#, released pressure, float held  
Thank you Kelly & crew

SERVICE

DEPTH OF JOB		<u>4510</u>
PUMP TRUCK CHARGE		<u>2765.25</u>
EXTRA FOOTAGE	⊙	
MILEAGE <u>Mi HV 25</u>	⊙	<u>720</u> <u>19200</u>
MANIFOLD <u>Head</u>	⊙	<u>27500</u>
<u>Mi LV 25</u>	⊙	<u>440</u> <u>11000</u>
	⊙	
TOTAL		<u>3343.25</u>

CHARGE TO: Black Sea  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>Wackerford 5 1/2</u>		
<u>AFU Float shoe</u>	⊙	<u>408.33</u>
<u>Waterdown 6559</u>	⊙	<u>324.09</u>
<u>Baskets 3</u>	⊙	<u>394.39</u> <u>118287</u>
<u>Fasteners 8</u>	⊙	<u>9300</u> <u>75800</u>
<u>Particulars</u>	⊙	<u>304200</u>
TOTAL		<u>5706.09</u>

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 17978.48  
 DISCOUNT 2,454.47 IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE John A. Kelly

15,524.00 Net.