



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
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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: _____

1249404

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Black Tea Oil

Krebs H

Port Collar 2115 349 sks

Perfs

Morrow 4312-30

Morrow 4298-4303

Johnson 4284-86

Johnson 4265-70

Treated above perfs with 5500 gal 15% INS

Cherokee 4180-90 2500 gal 15% INS

Pawnee 4084-94

Altamont 4050-58

Treated above with 3000 gal 15% INS

Summary of Changes

Lease Name and Number: Krebs H 1

API/Permit #: 15-109-21220-00-00

Doc ID: 1249404

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/05/2014	04/27/2015
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPD F_1	250	267
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement Circulated From	2100	2115
If Alternate II Completion - Sacks of Cement	450	349
Kelly Bushing Elevation	2700	2702
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=33&t	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=33&t

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Method Of Completion - Commingled	No	Yes
Multiple Stage Cementing Collar Depth	2100	2115
Perf_Record_1		see attached report
Producing Formation	KANSAS CITY / JOHNSON	see attached report
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1192707	../../../../kcc/detail/operatorEditDetail.cfm?docID=1249404
TopsDatum1	-1307	-1596
TopsDatum2		-1563
TopsDatum3		-1478
TopsDatum4		-1382
TopsDatum5		-1348
TopsDepth1	3970	4298
TopsDepth2		4265
TopsDepth3		4180

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDepth4		4084
TopsDepth5		4050
TopsName1	KANSAS CITY	Morrow
TopsName2		Johnson
TopsName3		Cherokee
TopsName4		Pawnee
TopsName5		Altamont

Summary of Attachments

Lease Name and Number: Krebs H 1

API: 15-109-21220-00-00

Doc ID: 1249404

Correction Number: 1

Attachment Name



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1192707
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
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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
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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:	
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DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil LLC**

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601

ATTN: Kevin Bailey

#1 Krebs H

33/14S/32W/Logan

Start Date: 2013.11.17 @ 02:32:00

End Date: 2013.11.17 @ 10:03:30

Job Ticket #: 17065 DST #: 1

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

Printed: 2013.11.17 @ 10:19:06



DRILL STEM TEST REPORT

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17065

DST#: 1

Test Start: 2013.11.17 @ 02:32:00

GENERAL INFORMATION:

Formation: **Kansas City zone E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:31:30

Time Test Ended: 10:03:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City

Interval: 3730.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations: 2699.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2690.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 6666

Inside

Press @ RunDepth: 218.33 psia @ 3815.43 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.17 End Date: 2013.11.17

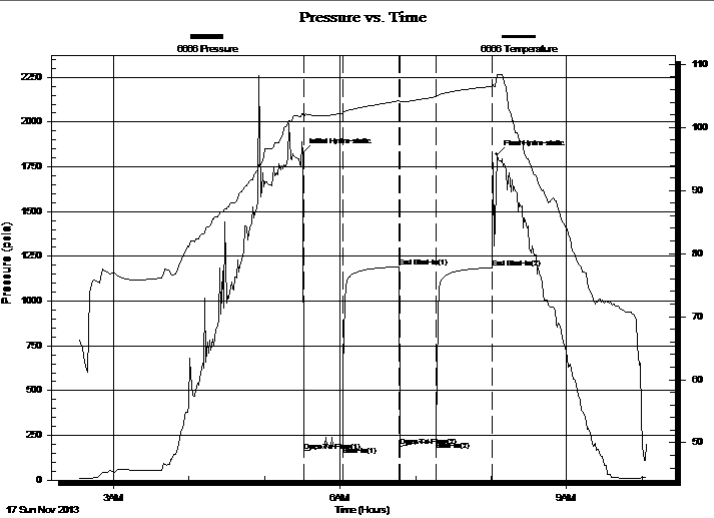
Last Calib.: 2013.11.17

Start Time: 02:32:00 End Time: 10:03:30

Time On Btm: 2013.11.17 @ 05:30:30

Time Off Btm: 2013.11.17 @ 08:04:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to 6 inches
1ST Shut In 45 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 3 1/2 inches
2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1828.31	102.13	Initial Hydro-static
1	161.34	101.74	Open To Flow (1)
32	190.06	102.28	Shut-In(1)
76	1191.88	104.20	End Shut-In(1)
77	190.48	104.04	Open To Flow (2)
106	218.33	104.91	Shut-In(2)
151	1186.97	106.51	End Shut-In(2)
154	1819.65	108.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	Lightly oil spotted w water cut mud	3.60
0.00	Water 10% Mud 90%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17065

DST#: 1

Test Start: 2013.11.17 @ 02:32:00

GENERAL INFORMATION:

Formation: **Kansas City zone E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:31:30

Time Test Ended: 10:03:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City

Interval: 3730.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations: 2699.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2690.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 6749 Outside

Press @ RunDepth: 1189.56 psia @ 3816.43 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.17

End Date: 2013.11.17

Last Calib.: 2013.11.17

Start Time: 02:32:00

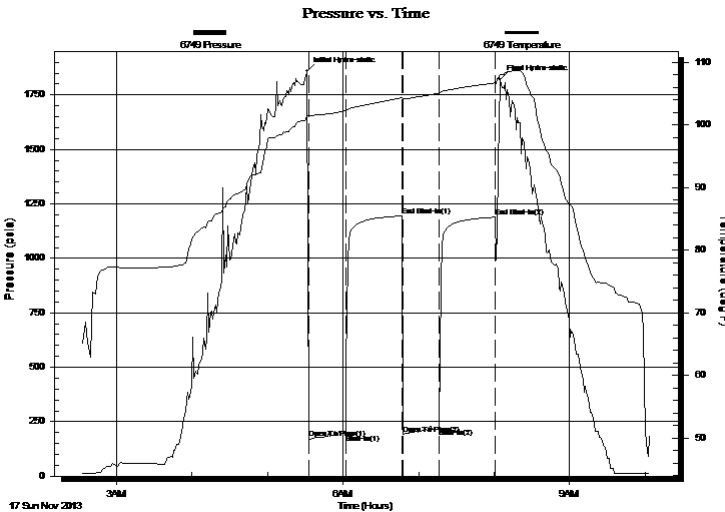
End Time: 10:03:30

Time On Btm: 2013.11.17 @ 05:31:30

Time Off Btm: 2013.11.17 @ 08:04:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to 6 inches
1ST Shut In 45 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 3 1/2 inches
2ND Shut In 45 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1859.19	101.42	Initial Hydro-static
1	174.56	101.41	Open To Flow (1)
31	193.25	102.25	Shut-In(1)
75	1194.48	104.32	End Shut-In(1)
76	193.47	104.15	Open To Flow (2)
105	221.46	105.05	Shut-In(2)
150	1189.56	106.72	End Shut-In(2)
153	1822.62	108.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	Lightly oil spotted w water cut mud	3.60
0.00	Water 10% Mud 90%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17065

DST#: 1

Test Start: 2013.11.17 @ 02:32:00

Tool Information

Drill Pipe:	Length: 3630.00 ft	Diameter: 3.80 inches	Volume: 50.92 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: 90.00 ft	Diameter: 2.25 inches	Volume: 0.44 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 51.36 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3730.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.43 ft			
Tool Length:	116.43 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			3708.00	
Hydraulic Tool	5.00			3713.00	
Jars	5.00			3718.00	
Safety Joint	2.00			3720.00	
Packer	5.00			3725.00	27.00 Bottom Of Top Packer
Packer	5.00			3730.00	
Perforations	5.00			3735.00	
Change Over Sub	0.75			3735.75	
Drill Pipe	60.93			3796.68	
Change Over Sub	0.75			3797.43	
Anchor	17.00			3814.43	
Recorder	1.00	6666	Inside	3815.43	
Recorder	1.00	6749	Outside	3816.43	
Bullnose	3.00			3819.43	89.43 Bottom Packers & Anchor

Total Tool Length: 116.43



DRILL STEM TEST REPORT

FLUID SUMMARY

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17065

DST#: 1

Test Start: 2013.11.17 @ 02:32:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 2500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	Lightly oil spotted water cut mud	3.599
0.00	Water 10% Mud 90%	0.000

Total Length: 315.00 ft Total Volume: 3.599 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

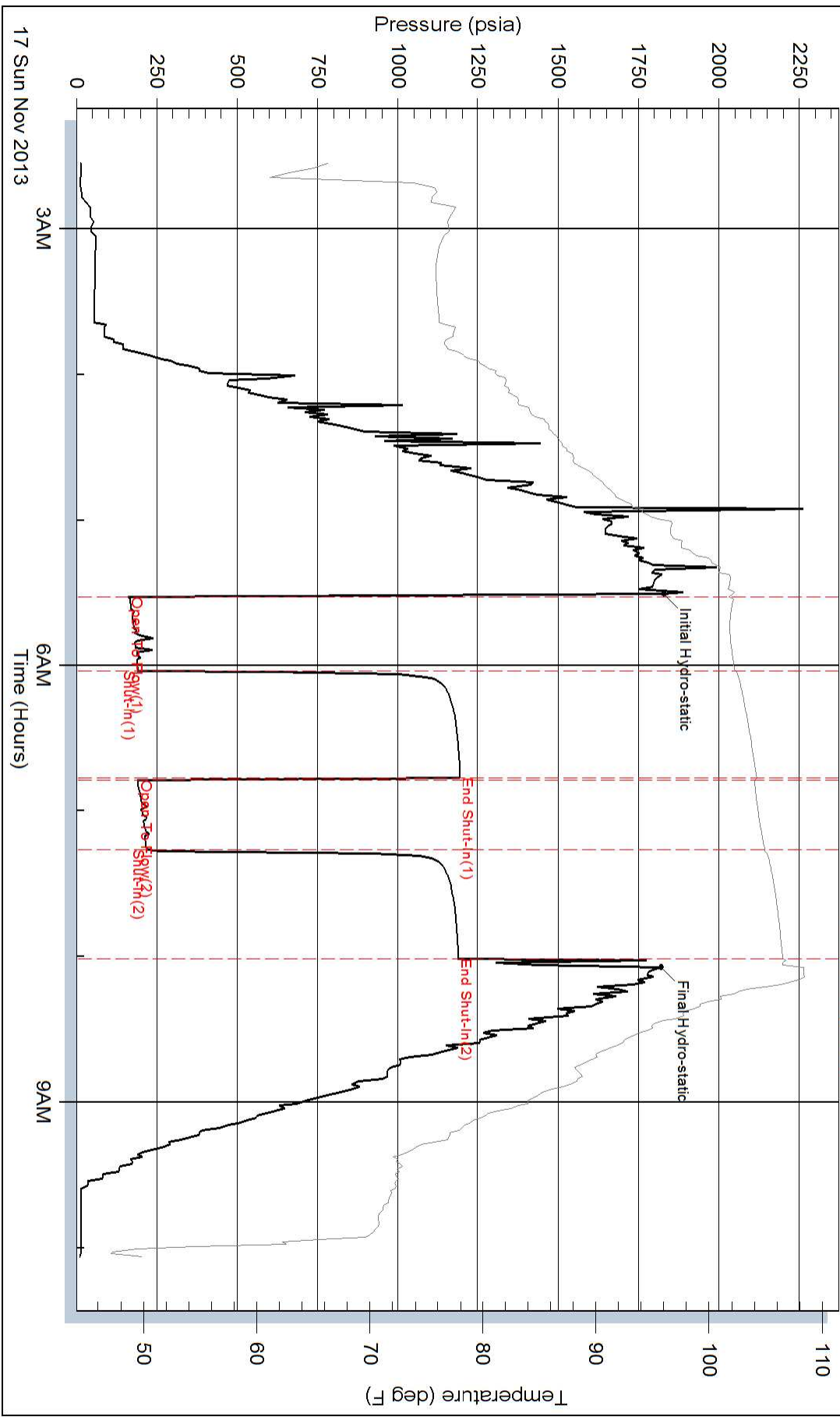
Serial #:

Laboratory Name:

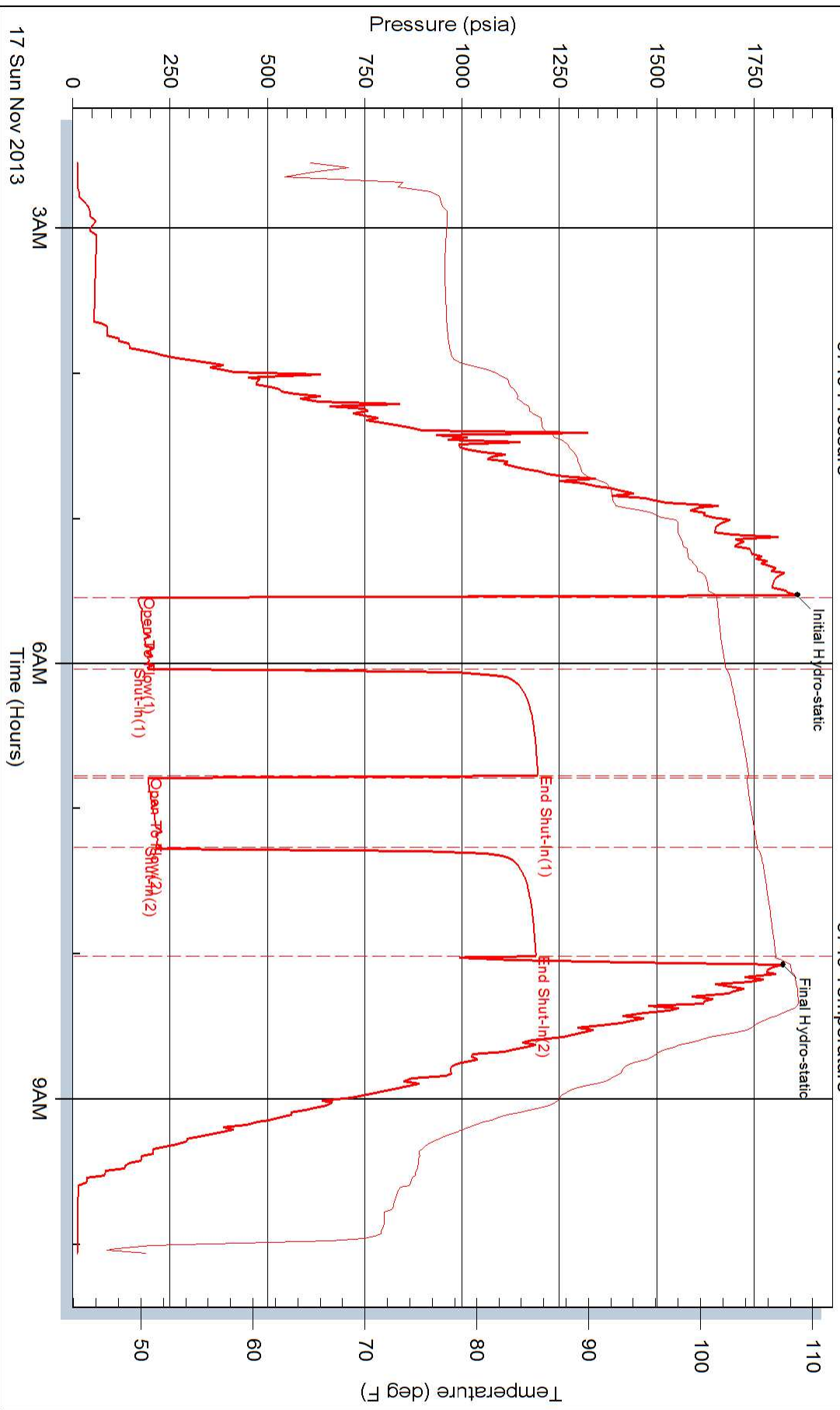
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil LLC**

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601

ATTN: Kevin Bailey

#1 Krebs H

33/14S/32W/Logan

Start Date: 2013.11.18 @ 01:54:00

End Date: 2013.11.18 @ 10:07:30

Job Ticket #: 17066 DST #: 2

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

Printed: 2013.11.18 @ 10:27:29



DRILL STEM TEST REPORT

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17066

DST#: 2

Test Start: 2013.11.18 @ 01:54:00

GENERAL INFORMATION:

Formation: **Base KC-Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:46:30

Time Test Ended: 10:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/46

Interval: 3990.00 ft (KB) To 4121.00 ft (KB) (TVD)

Reference Elevations: 2699.00 ft (KB)

Total Depth: 4121.00 ft (KB) (TVD)

2690.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 6666

Inside

Press @ RunDepth: 229.56 psia @ 4116.88 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.18

End Date: 2013.11.18

Last Calib.: 2013.11.18

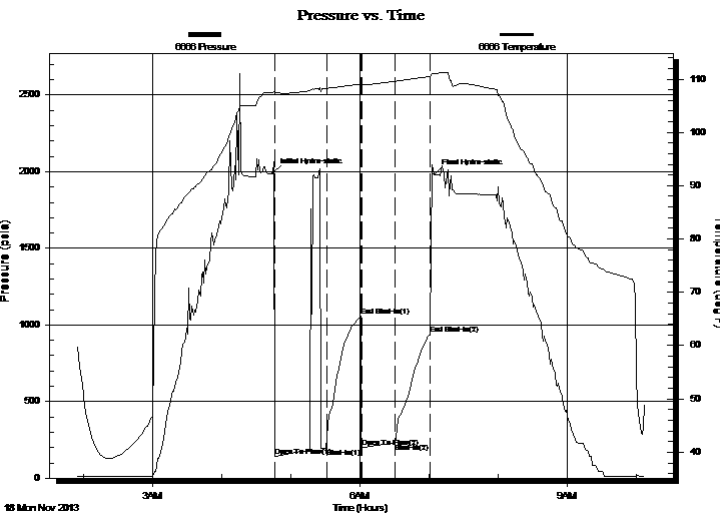
Start Time: 01:54:00

End Time: 10:07:30

Time On Btm: 2013.11.18 @ 04:45:00

Time Off Btm: 2013.11.18 @ 07:05:00

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 19 minutes
1ST Shut In 30 Minutes/Blow back built to 2 1/2 inches
2ND Open 30 Minutes/Good blow /Blow built to bottom of bucket in 21 minutes
2ND Shut In 30 Minutes/Blow back built to 8 1/2 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1991.00	107.46	Initial Hydro-static
2	141.29	107.47	Open To Flow (1)
46	195.42	108.24	Shut-In(1)
76	1056.71	109.05	End Shut-In(1)
77	198.89	108.91	Open To Flow (2)
106	229.56	109.58	Shut-In(2)
136	942.72	110.47	End Shut-In(2)
140	1984.20	111.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	378 feet of gas in pipe	0.00
252.00	Gassy Oily Mud	2.72
0.00	Gas 10% Oil 10% Mud 80%	0.00
78.00	Clean gassy Oil/Gas 30% Oil 70%	1.09
0.00	Gravity of Oil 31	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17066

DST#: 2

Test Start: 2013.11.18 @ 01:54:00

GENERAL INFORMATION:

Formation: **Base KC-Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:46:30

Time Test Ended: 10:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/46

Interval: 3990.00 ft (KB) To 4121.00 ft (KB) (TVD)

Reference Elevations: 2699.00 ft (KB)

Total Depth: 4121.00 ft (KB) (TVD)

2690.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 6749 Outside

Press @ RunDepth: 948.60 psia @ 4117.88 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.18

End Date: 2013.11.18

Last Calib.: 2013.11.18

Start Time: 01:54:00

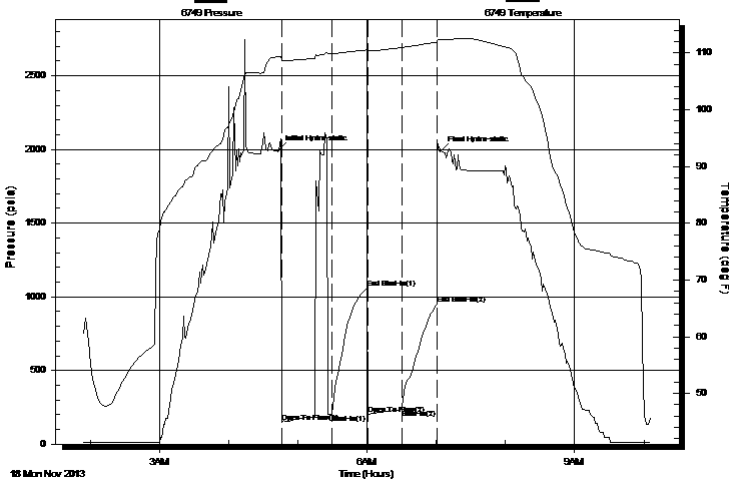
End Time: 10:06:23

Time On Btm: 2013.11.18 @ 04:43:53

Time Off Btm: 2013.11.18 @ 07:03:53

TEST COMMENT: 1ST Open 30 Minutes/Good blow /Blow built to bottom of bucket in 19 minutes
1ST Shut In 30 Minutes/Blow back built to 2 1/2 inches
2ND Open 30 Minutes/Good blow /Blow built to bottom of bucket in 21 minutes
2ND Shut In 30 Minutes/Blow back built to 8 1/2 inches

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1995.33	109.32	Initial Hydro-static
2	149.72	108.79	Open To Flow (1)
47	203.62	109.87	Shut-In(1)
76	1057.77	110.57	End Shut-In(1)
77	203.75	110.39	Open To Flow (2)
106	234.48	110.94	Shut-In(2)
137	948.60	111.87	End Shut-In(2)
140	1990.68	112.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	378 feet of gas in pipe	0.00
252.00	Gassy Oily Mud	2.72
0.00	Gas 10% Oil 10% Mud 80%	0.00
78.00	Clean gassy Oil/Gas 30% Oil 70%	1.09
0.00	Gravity of Oil 31	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17066

DST#: 2

Test Start: 2013.11.18 @ 01:54:00

Tool Information

Drill Pipe:	Length: 3877.00 ft	Diameter: 3.80 inches	Volume: 54.38 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: 90.00 ft	Diameter: 2.25 inches	Volume: 0.44 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 54.82 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3990.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.88 ft			
Tool Length:	157.88 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer used

Shale packer replaced due to damage

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3968.00	
Hydraulic Tool	5.00			3973.00	
Jars	5.00			3978.00	
Safety Joint	2.00			3980.00	
Packer	5.00			3985.00	27.00 Bottom Of Top Packer
Packer	5.00			3990.00	
Perforations	5.00			3995.00	
Change Over Sub	0.75			3995.75	
Drill Pipe	92.38			4088.13	
Change Over Sub	0.75			4088.88	
Anchor	27.00			4115.88	
Recorder	1.00	6666	Inside	4116.88	
Recorder	1.00	6749	Outside	4117.88	
Bullnose	3.00			4120.88	130.88 Bottom Packers & Anchor

Total Tool Length: 157.88



DRILL STEM TEST REPORT

FLUID SUMMARY

Black Tea Oil LLC

33/14S/32W/Logan

1011 Centennial Boulevard
Suite B
Hays, Kansas 67601
ATTN: Kevin Bailey

#1 Krebs H

Job Ticket: 17066

DST#: 2

Test Start: 2013.11.18 @ 01:54:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 2500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

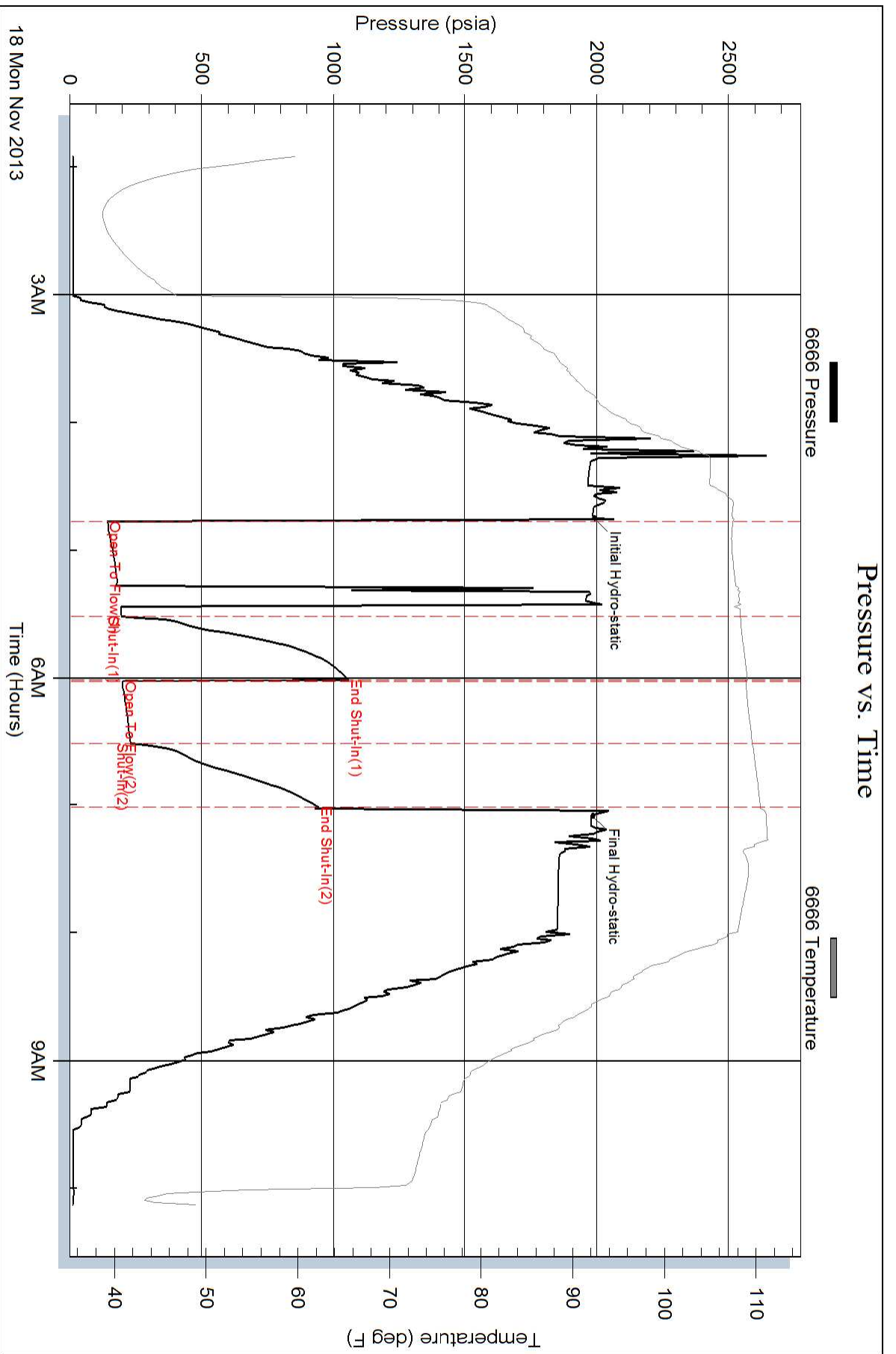
Length ft	Description	Volume bbl
0.00	378 feet of gas in pipe	0.000
252.00	Gassy Oily Mud	2.715
0.00	Gas 10% Oil 10% Mud 80%	0.000
78.00	Clean gassy Oil/Gas 30% Oil 70%	1.094
0.00	Gravity of Oil 31	0.000

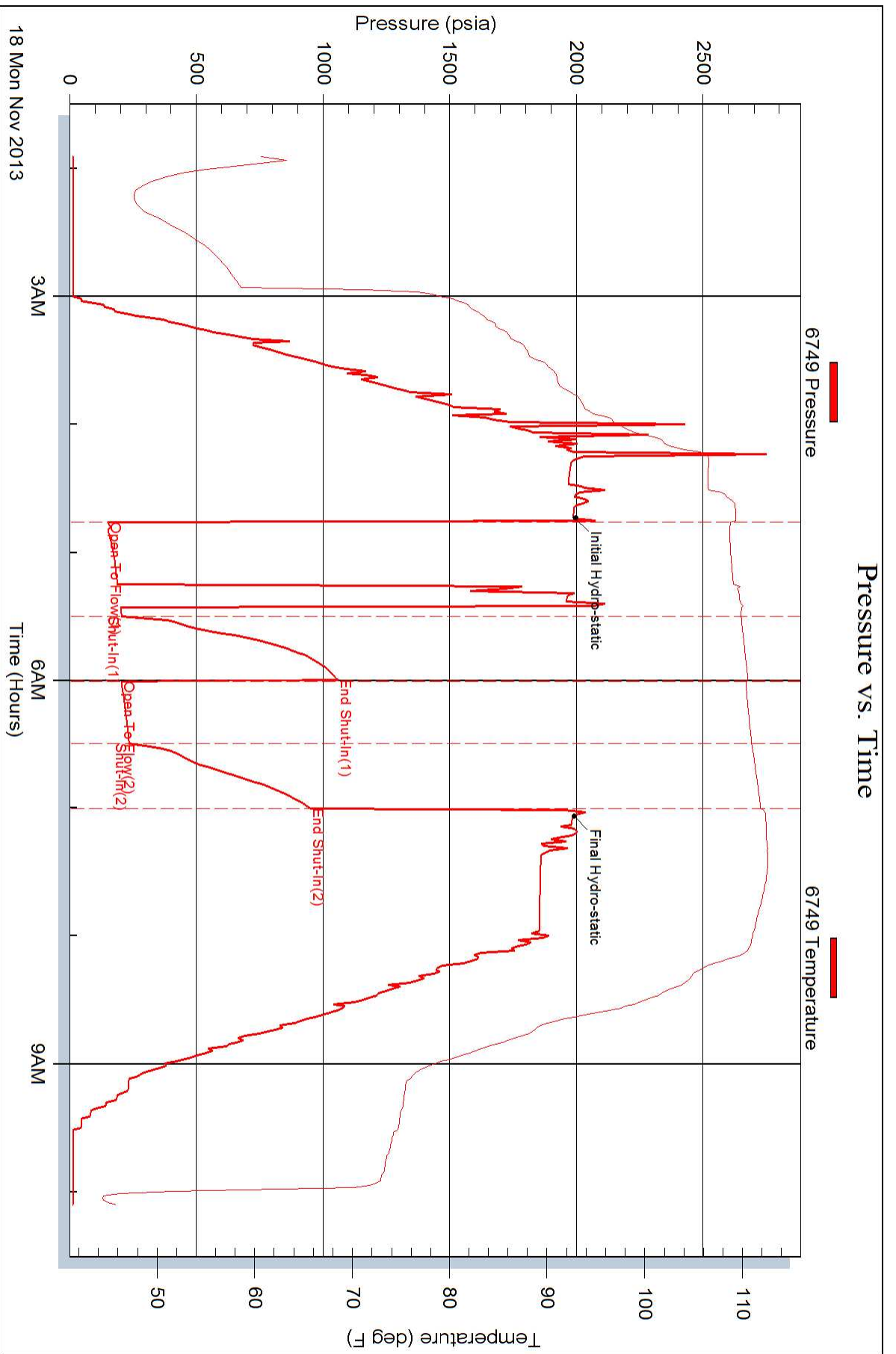
Total Length: 330.00 ft Total Volume: 3.809 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





ALLIED OIL & GAS SERVICES, LLC 061377

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Dakley, KS

DATE <u>11-13-13</u>	SEC. <u>28</u>	TWP. <u>14</u>	RANGE <u>32 W</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Krebs #1</u> WELL # <u>#6</u>			LOCATION <u>Dakley 255 W mile</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Landmark

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 267

CASING SIZE 8 5/8 DEPTH 267

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15"

PERFS.

DISPLACEMENT 16 bbl

OWNER Same 1.0

CEMENT AMOUNT ORDERED 180 SKS com 32 bcc

290 gcl

EQUIPMENT

PUMP TRUCK CEMENTER Gregory Kelly Gabel

422 HELPER Wilayne McShay

BULK TRUCK

8184287 DRIVER Juan (two)

BULK TRUCK DRIVER

COMMON	<u>180 SKS @ 17.90</u>	<u>3222.00</u>
POZMIX	@	
GEL	<u>25 SKS @ 23.40</u>	<u>936.00</u>
CHLORIDE	<u>10 SKS @ 64.00</u>	<u>640.00</u>
ASC	@	
HANDLING	<u>194.64 cu ft @ 2.48</u>	<u>482.71</u>
MILEAGE	<u>8.516 ton x 20 x 2.60</u>	<u>439.92</u>
TOTAL		<u>4878.23</u>

REMARKS:

riggered up

mixed 180 SKS com 32 bcc

290 gcl

displaced with 16 bbl water

shut in

Cement did circulate

stank off Kelly & crew

CHARGE TO: Black Tea Oil

STREET _____

CITY _____ STATE _____ ZIP _____

169.20

SERVICE

DEPTH OF JOB	<u>267</u>
PUMP TRUCK CHARGE	<u>1512.35</u>
EXTRA FOOTAGE @	
MILEAGE <u>swedge</u> @	<u>275.00</u>
MANIFOLD <u>M:LV 20</u> @	<u>440 88.00</u>
<u>M:HV 20</u> @	<u>770 154.00</u>
TOTAL	<u>2029.25</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.

PRINTED NAME Ramiro Maldonado

SIGNATURE _____

PLUG & FLOAT EQUIPMENT

SALES TAX (If Any)	<u>302.60</u>
TOTAL CHARGES	<u>3,907.48</u>
DISCOUNT	<u>1,934.09</u> IF PAID IN 30 DAYS
	<u>4,973.38 Net.</u>

ALLIED OIL & GAS SERVICES, LLC 062152

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley KS

DATE <u>11-21-13</u>	SEC <u>33</u>	TWP <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>2:00a.m.</u>	JOB START <u>9:30a.m.</u>	JOB FINISH <u>10:30a.m.</u>
LEASE <u>Krebs H</u>	WELL # <u>1</u>	LOCATION <u>Oakley S 22mi Winto</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Landmark
 TYPE OF JOB Production (5 1/2)
 HOLE SIZE 7 7/8 T.D. 4425'
 CASING SIZE 5 1/2 DEPTH 4399.69'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL Port collar DEPTH 2132'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21.02'
 CEMENT LEFT IN CSG. 21.02'
 PERFS.
 DISPLACEMENT 104.21 bbl water
 EQUIPMENT

OWNER Same
 CEMENT
 AMOUNT ORDERED 230 sks ASC 10% salt,
2% gel, 5# gilsonite

PUMP TRUCK CEMENTER Paul Beaver
 # 120 HELPER Tyler Filose
 BULK TRUCK
 # 600 DRIVER Brandon Wilkinson
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL		<u>4 sks</u>	@ <u>23.40</u> <u>93.60</u>
CHLORIDE	@		
ASC		<u>230 sks</u>	@ <u>20.90</u> <u>4807.00</u>
Gilsonite		<u>1150#</u>	@ <u>.98</u> <u>1127.00</u>
Salt		<u>43 sks</u>	@ <u>26.35</u> <u>1133.05</u>
WER-II		<u>12 bbl</u>	@ <u>58.70</u> <u>704.40</u>
KCL		<u>2 gal</u>	@ <u>34.40</u> <u>68.80</u>
	@		
	@		
Handling		<u>306.58 ft³</u>	@ <u>2.48</u> <u>760.32</u>
HANDLING	@		2.00
MILEAGE		<u>13.29 ton x 25mi</u>	@ <u>2.60</u> <u>863.85</u>
TOTAL			9558.02

REMARKS:
Run Pipe / Float equip. circulate, Drop ball
Ball went through shoe @ 400' mix 30 sks
in 2.H mix 200 sks ASC Down casing,
wash up pump + lines in bit. Hook back up
to head + release plug, displace w/ water
plug did land @ 1700' w/ 1250# lift.
Float did hold

Thank you!

CHARGE TO: Black Tea
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>4400'</u>
PUMP TRUCK CHARGE	<u>2765.75</u>
EXTRA FOOTAGE	@
MILEAGE MILW	<u>25</u> @ <u>7.70</u> <u>192.50</u>
MANIFOLD	<u>5 1/2 Head</u> @ <u>275.00</u>
MILW	<u>25</u> @ <u>4.40</u> <u>110.00</u>
	@
TOTAL <u>3343.25</u>	

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cement 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.

PLUG & FLOAT EQUIPMENT

AFU Float shoe	@		<u>406.33</u>
Latchdown w/ plug	@		<u>324.09</u>
Turbolizers	<u>8</u>	@ <u>93.00</u>	<u>748.80</u>
Baskets	<u>3</u>	@ <u>394.29</u>	<u>1182.87</u>
Port collar	@		<u>3042.00</u>
TOTAL			<u>5704.09</u>

PRINTED NAME G. White
 SIGNATURE [Signature]

SALES TAX (if Any) _____
 TOTAL CHARGES 18,605.36
 DISCOUNT 2,580.25 IF PAID IN 30 DAYS
16,025.10 Net.