

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

Krebs V1

LTD 4458

Port Collar 2078 370 sks

Perfs

Miss 4414-20 1000 gal 15% INS

Morrow 4338-42

Johnson 4292-96, 4280-84, 4274-76, 4256-60

Treated Morrow and Johnsons with 3000 gal 15% INS

Ft Scott 4172-78

Altamont 4110-20

Marmaton 4064-80

Treated the 3 zones above with 3000 gal 15% INS

J 3884-3910 3500 gal 15% INS Squeezed off

Summary of Changes

Lease Name and Number: Krebs V 1

API/Permit #: 15-109-21266-00-00

Doc ID: 1249507

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	04/30/2014	04/27/2015
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPDF F_1	250	265
CasingSettingDepthPDF F_2	4450	4472
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5
If Alternate II Completion - Cement Circulated From		2078
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	370
Kelly Bushing Elevation	2679	2681
Method Of Completion - Commingled	No	Yes
Multiple Stage Cementing Collar Depth	2100	2078
Perf_Record_1		see attached report
Plug Back Total Depth	4450	4458
Save Link	../../../../kcc/detail/operatorE ditDetail.cfm?docID=12 02191	../../../../kcc/detail/operatorE ditDetail.cfm?docID=12 49507
TopsDatum1	-1307	-1733
TopsDatum2		-1657
TopsDatum3		-1575
TopsDatum4		-1491
TopsDatum5		-1429
TopsDatum6		-1383

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDatum7		-1203
TopsDepth1	3986	4414
TopsDepth2		4338
TopsDepth3		4256
TopsDepth4		4172
TopsDepth5		4110
TopsDepth6		4064
TopsDepth7		3884
TopsName1	KANSAS CITY	mississippi
TopsName2		morrow
TopsName3		johnson
TopsName4		ft scott
TopsName5		altamont

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName6		marmaton
TopsName7		kansas city
Total Depth	4450	4475

Summary of Attachments

Lease Name and Number: Krebs V 1

API: 15-109-21266-00-00

Doc ID: 1249507

Correction Number: 1

Attachment Name



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1202191
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							
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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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266928

TICKET NUMBER 44639
 LOCATION Oakley KS
 FOREMAN Miles Shew

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-27-14	5007	Kerbs V #1	33	14S	32W	Logan	
CUSTOMER		Mailing Address		TRUCK #	DRIVER	TRUCK #	DRIVER
Black Tea Oil		Oakley South North side River west in township S to rig		405	Stardant		
CITY		STATE	ZIP CODE	460	Dale R		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 275' CASING SIZE & WEIGHT 8 3/4" 28#
 CASING DEPTH 245' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 15 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig up on Landmark drilling rig #5 circulate casing mix 180 S/KS Class A Cement with 3% calcium + 2% gel displace 15 1/2 bbls Water shut in Cement did circulate 3 bbls to it

Thanks Miles & 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 tons	Ton Mileage delivery	430.00	3665.00
1102	507 #	Calcium Chloride	0.94	476.88
11045	180 S/KS	Class A Cement	18.55	3339.00
11183	338 #	Bentonite gel	127	91.26
			Subtotal	5591.84
			less 10% discount	5591.84
			Subtotal	5032.66
			SALES TAX	218.98
			ESTIMATED TOTAL	5301.64

completed

Ravin 3737

AUTHORIZATION Ray Anthony Berna 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 062027

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Oakley, KS

DATE <i>4-3-14</i>	SEC. <i>33</i>	TWP. <i>14</i>	RANGE <i>32</i>	CALLED OUT	ON LOCATION	JOB START <i>7:20 AM</i>	JOB FINISH <i>8:20 PM</i>
LEASE <i>Krebs V</i>		WELL # <i>#1</i>		LOCATION <i>Oakley 225 W to W indall</i>		COUNTY <i>Logan</i>	STATE <i>KS</i>
OLD OR <u>NEW</u> (Circle one)				<i>15 into</i>			

CONTRACTOR *Landmark #5* OWNER *Same*

TYPE OF JOB *Prod*
 HOLE SIZE *7 7/8* T.D. *4475*
 CASING SIZE *5 1/2 15.5* DEPTH *4472*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL *Partcollar* DEPTH *2081*
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT *15.50*
 CEMENT LEFT IN CSG. *15.50*
 PERFS. _____
 DISPLACEMENT *(106 bbl)*

CEMENT
 AMOUNT ORDERED *230 SKS ASC 1090 salt*
29 gal 5# Gilsomite
12 bbl Superflush 1 gal KCL

COMMON	@		
POZMIX	@		
GEL		<i>45 SKS @ 23 40</i>	<i>93 60</i>
CHLORIDE	@		
ASC		<i>230 SKS @ 20 90</i>	<i>4807 00</i>
salt		<i>24 SKS @ 26 35</i>	<i>632 80</i>
Gilsomite		<i>1150 # @ .98</i>	<i>1127 00</i>
Superflush		<i>12 bbl @ 58 40</i>	<i>704 40</i>
1 gal KCL		<i>@ 34 40</i>	<i>34 40</i>

EQUIPMENT
 PUMP TRUCK CEMENTER *Kelly Gabel*
 # *431* HELPER *Wayne McGilghy*
 BULK TRUCK
 # *8184287* DRIVER *Alex O (TWS)*
 BULK TRUCK
 # _____ DRIVER _____

HANDLING *294.03 cft @ 3 45* *729 30*
 MILEAGE *13.84 ton x 21 x 2 00* *701 06*
 20% TOTAL *9669 06*

REMARKS:

Rigged up
plugged RH with 30 SKS
Mixed 200 SKS ASC down center
displaced with water
lift pressure 100 # Plugged @ 1900 #
released pressure, latch down
did not hold, pressured to 100 #
shut in, Thank You
Kelly & crew

SERVICE

DEPTH OF JOB		<i>4472'</i>
PUMP TRUCK CHARGE		<i>2765 75</i>
EXTRA FOOTAGE	@	
MILEAGE <i>Mi HV 21</i>	@	<i>7 70</i> <i>161 70</i>
MANIFOLD <i>Head</i>	@	<i>2 75 00</i>
<i>Mi HV 21</i>	@	<i>4 40</i> <i>92 40</i>

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

20% TOTAL *3294 85*

(w) PLUG & FLOAT EQUIPMENT

Partcollar		<i>3590 00</i>
AFU Flatsone	@	<i>545 00</i>
Latchdown Assy/blk		<i>660 00</i>
(8) turboizers	@	<i>95 00</i> <i>760 00</i>
(13) baskets	@	<i>395 00</i> <i>5135 00</i>

0% TOTAL *10,690 00*

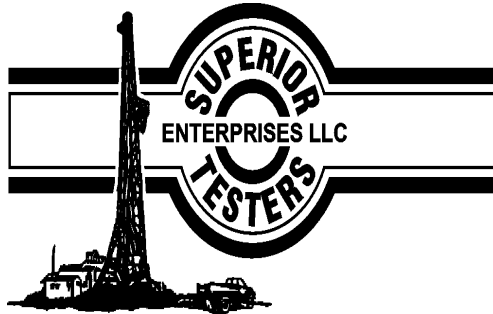
To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) _____
 TOTAL CHARGES *23,653.91*
 DISCOUNT *2,592.78 (20%)* IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE *John W. Lee*

21,061.12 Net



DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil L.L.C**

10 11 Centennial Blvd Ste B Hays KS 67601

ATTN:

Kreb's V #1

33-14-32 Logan

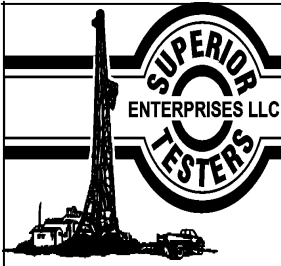
Start Date: 2014.03.30 @ 02:30:00

End Date: 2014.03.30 @ 10:37:00

Job Ticket #: 19215 DST #: 1

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

Printed: 2014.03.30 @ 11:56:15



DRILL STEM TEST REPORT

Black Tea Oil L.L.C
 10 11 Centennial Blvd Ste B Hays KS 67601
 ATTN:

33-14-32 Logan
Kreb's V #1
 Job Ticket: 19215 **DST#: 1**
 Test Start: 2014.03.30 @ 02:30:00

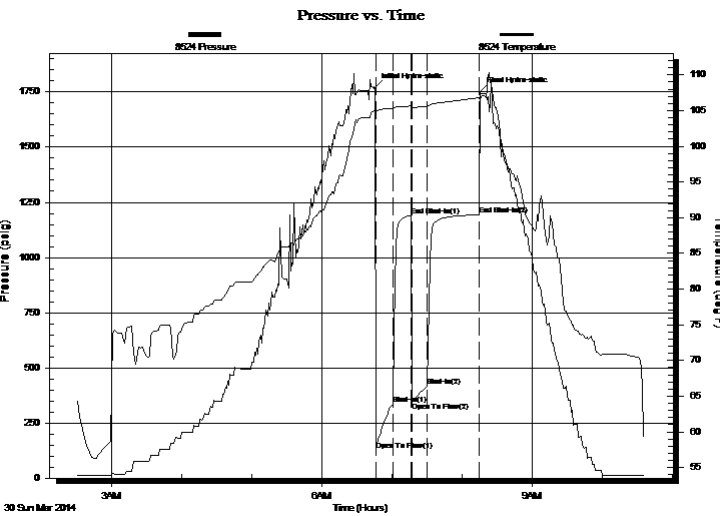
GENERAL INFORMATION:

Formation: **Lansing A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:46:30
 Time Test Ended: 10:37:00
 Interval: **3674.00 ft (KB) To 3794.00 ft (KB) (TVD)**
 Total Depth: 3794.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3330-Scott City-
 Reference Elevations: 2682.00 ft (KB)
 2672.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8524

Press@RunDepth: 418.39 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.30 End Date: 2014.03.30 Last Calib.: 2014.03.30
 Start Time: 02:30:00 End Time: 10:37:00 Time On Btm: 2014.03.30 @ 06:45:30
 Time Off Btm: 2014.03.30 @ 08:15:30

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
 1st Shut-in 15 Minutes-No blow back
 2nd Opening 15 Minutes-Strong blow built bottom of bucket in 3 minutes
 2nd Shut-in 15 Minutes-Very weak



PRESSURE SUMMARY

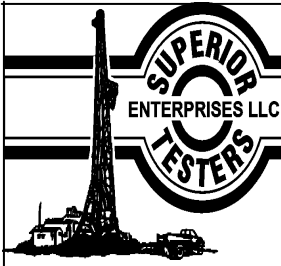
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.56	105.03	Initial Hydro-static
1	127.31	104.71	Open To Flow (1)
16	335.32	105.30	Shut-In(1)
31	1189.81	105.65	End Shut-In(1)
32	344.51	105.46	Open To Flow (2)
45	418.39	105.64	Shut-In(2)
89	1193.68	106.79	End Shut-In(2)
90	1749.89	106.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
720.00	spot oil mud w ater 1%oil 49%w ater 50%	5.45
0.00	chlorides 23,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Black Tea Oil L.L.C
 10 11 Centennial Blvd Ste B Hays KS 67601
 ATTN:

33-14-32 Logan
Kreb's V #1
 Job Ticket: 19215 **DST#: 1**
 Test Start: 2014.03.30 @ 02:30:00

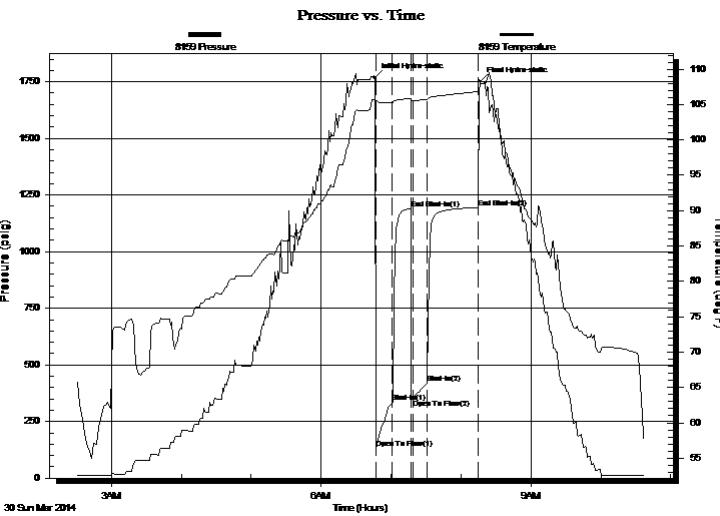
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 Tester: Jared Scheck
 Unit No: 3330-Scott City-
 Reference Elevations: 2682.00 ft (KB)
 2672.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 1194.74 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.30 End Date: 2014.03.30 Last Calib.: 2014.03.30
 Start Time: 02:30:00 End Time: 10:38:00 Time On Btm: 2014.03.30 @ 06:46:00
 Time Off Btm: 2014.03.30 @ 08:16:00

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 2 1/2 minutes
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 2nd Opening 15 Minutes-Strong blow built bottom of bucket in 3 minutes
 2nd Shut-in 15 Minutes-Very weak



PRESSURE SUMMARY

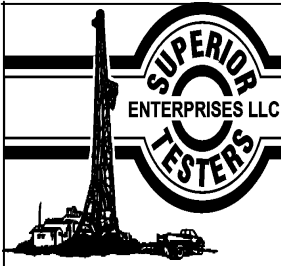
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.37	105.75	Initial Hydro-static
1	130.62	105.54	Open To Flow (1)
15	333.61	105.33	Shut-In(1)
31	1190.75	105.85	End Shut-In(1)
33	349.41	105.60	Open To Flow (2)
45	419.87	105.76	Shut-In(2)
89	1194.74	106.86	End Shut-In(2)
90	1752.69	108.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
720.00	spot oil mud w ater 1%oil 49%w ater 50%	5.45
0.00	chlorides 23,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil L.L.C

33-14-32 Logan

10 11 Centennial Blvd Ste B Hays KS 67601

Kreb's V #1

Job Ticket: 19215

DST#: 1

ATTN:

Test Start: 2014.03.30 @ 02:30:00

Tool Information

Drill Pipe:	Length: 3161.00 ft	Diameter: 3.80 inches	Volume: 44.34 bbl	Tool Weight: 1000.00 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: 510.00 ft	Diameter: 2.25 inches	Volume: 2.51 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 46.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	3674.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	120.00 ft			
Tool Length:	143.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

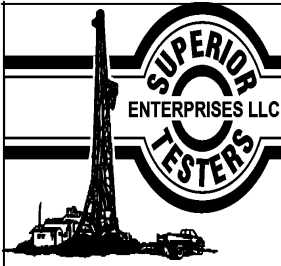
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3656.00	
Hydraulic tool	5.00			3661.00	
Jars	6.00			3667.00	
Safety Joint	2.00			3669.00	
Packer	5.00			3674.00	23.00 Bottom Of Top Packer
Packer - Shale	5.00			3679.00	
Anchor	16.00			3695.00	
Change Over Sub	0.50			3695.50	
Drill Pipe	93.00			3788.50	
Change Over Sub	0.50			3789.00	
Recorder	1.00			3790.00	
Recorder	1.00			3791.00	
Bullnose	3.00			3794.00	120.00 Anchor Tool

Total Tool Length: 143.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Black Tea Oil L.L.C

33-14-32 Logan

10 11 Centennial Blvd Ste B Hays KS 67601

Kreb's V #1

Job Ticket: 19215

DST#: 1

ATTN:

Test Start: 2014.03.30 @ 02:30:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
720.00	spot oil mud w ater 1%oil 49%w ater 50%mud	5.454
0.00	chlorides 23,000	0.000

Total Length: 720.00 ft Total Volume: 5.454 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

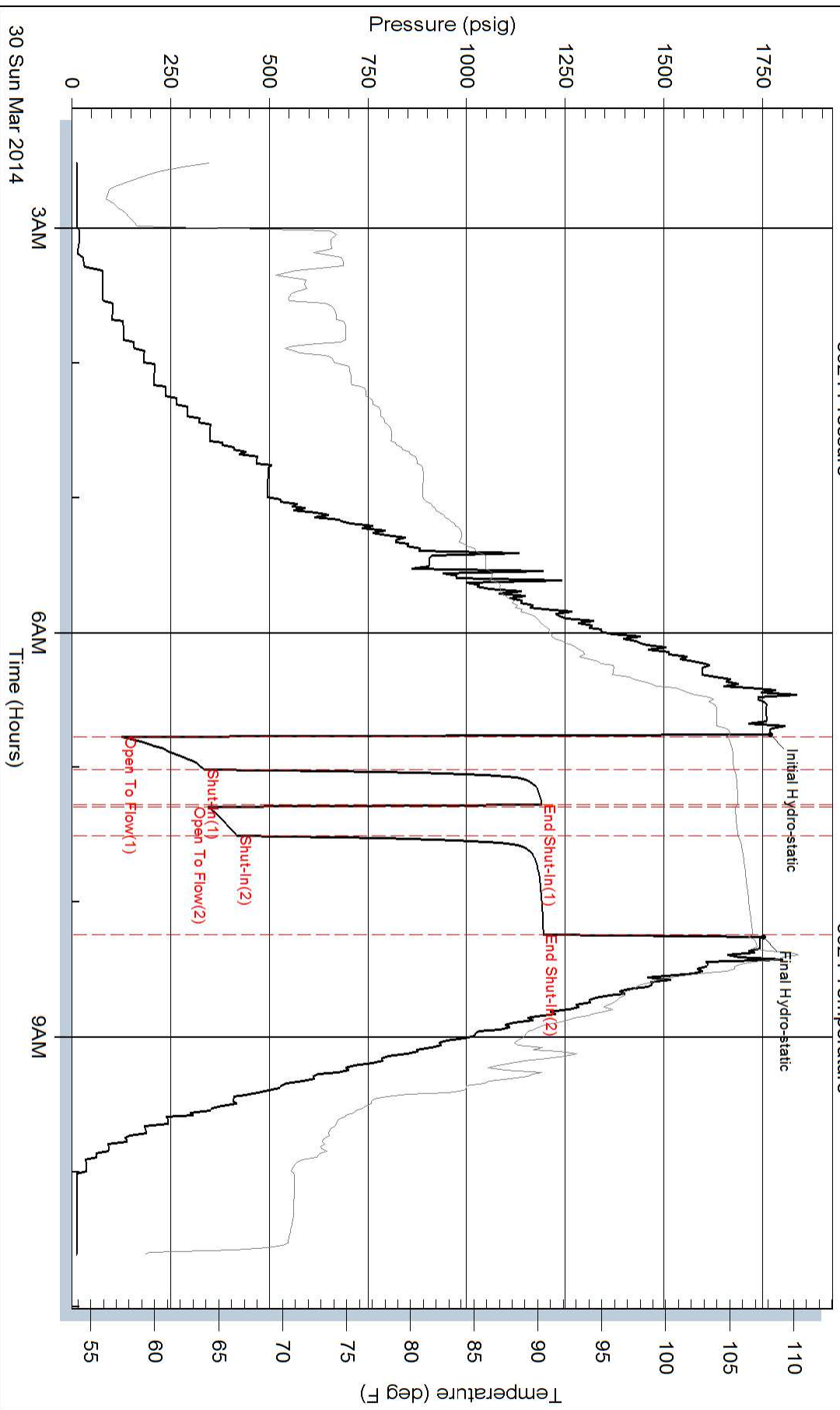
Serial #:

Laboratory Name:

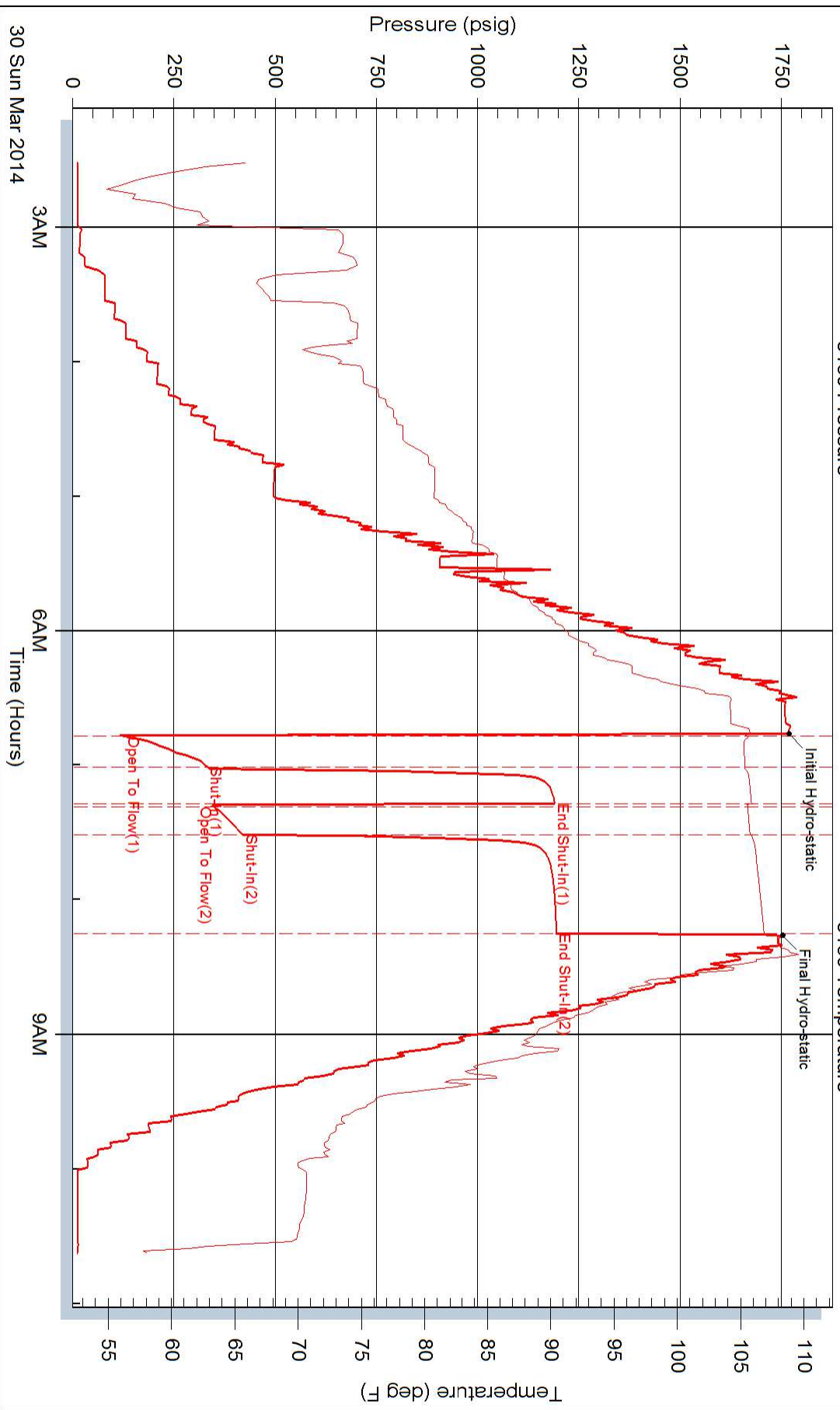
Laboratory Location:

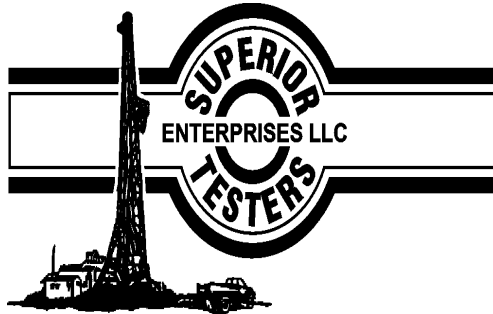
Recovery Comments: chlorides 23,000

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil L.L.C**

10 11 Centennial Blvd Ste B Hays KS 67601

ATTN:

Kreb's V #1

33-14-32 Logan

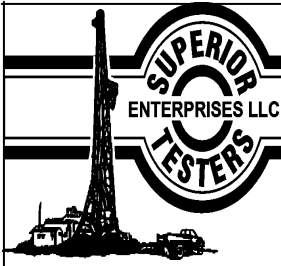
Start Date: 2014.03.31 @ 09:30:00

End Date: 2014.03.31 @ 18:12:00

Job Ticket #: 19216 DST #: 2

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

Printed: 2014.03.31 @ 19:03:38



DRILL STEM TEST REPORT

Black Tea Oil L.L.C
 10 11 Centennial Blvd Ste B Hays KS 67601
 ATTN:

33-14-32 Logan
Kreb's V #1
 Job Ticket: 19216 **DST#: 2**
 Test Start: 2014.03.31 @ 09:30:00

GENERAL INFORMATION:

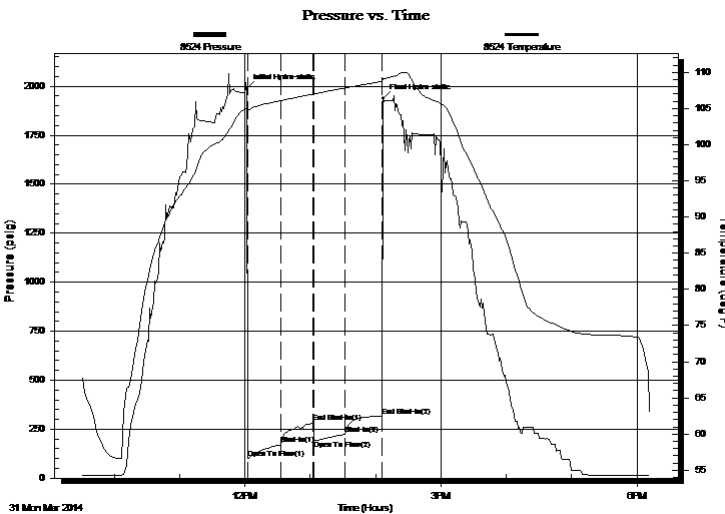
Formation: **Mormington A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:02:30
 Time Test Ended: 18:12:00
Interval: 3988.00 ft (KB) To 4065.00 ft (KB) (TVD)
 Total Depth: 4185.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3330-Scott City-
 Reference Elevations: 2682.00 ft (KB)
 2672.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8524

Press@RunDepth: 223.30 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.31 End Date: 2014.03.31 Last Calib.: 2014.03.31
 Start Time: 09:30:00 End Time: 18:12:00 Time On Btm: 2014.03.31 @ 12:01:30
 Time Off Btm: 2014.03.31 @ 14:07:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 3 Minutes
 1st Shut-in 30 Minutes-Yes blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 2nd Shut-in 30 Minutes-Yes blow back

PRESSURE SUMMARY



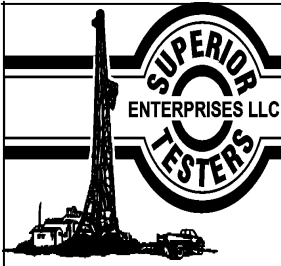
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1987.63	105.06	Initial Hydro-static
1	101.65	104.70	Open To Flow (1)
31	170.67	106.07	Shut-In(1)
61	284.40	107.00	End Shut-In(1)
62	191.01	107.01	Open To Flow (2)
91	223.30	107.84	Shut-In(2)
125	318.04	108.74	End Shut-In(2)
126	1937.14	109.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	gas oil 15%gas 85%oil	5.21
0.00	800 gas in pipe	0.00
0.00	gravity oil 48	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Black Tea Oil L.L.C
 10 11 Centennial Blvd Ste B Hays KS 67601
 ATTN:

33-14-32 Logan
Kreb's V #1
 Job Ticket: 19216 **DST#: 2**
 Test Start: 2014.03.31 @ 09:30:00

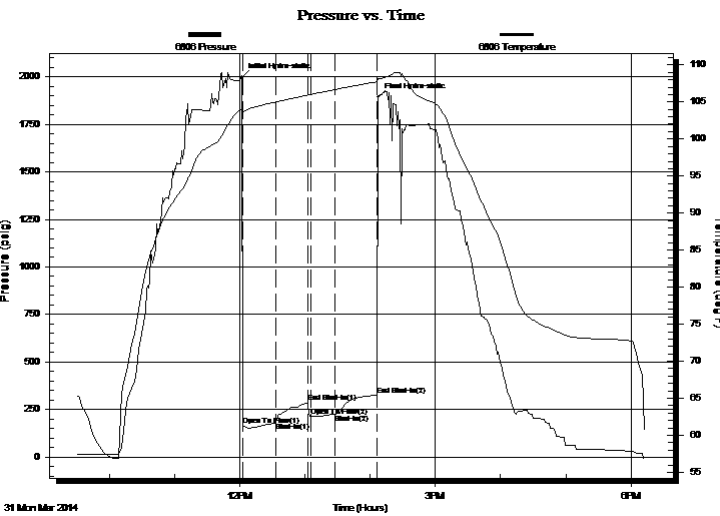
GENERAL INFORMATION:

Formation: **Mormington A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:02:30
 Time Test Ended: 18:12:00
 Interval: **3988.00 ft (KB) To 4065.00 ft (KB) (TVD)**
 Total Depth: 4185.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3330-Scott City-
 Reference Elevations: 2682.00 ft (KB)
 2672.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6806

Press@RunDepth: 324.94 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.31 End Date: 2014.03.31 Last Calib.: 2014.03.31
 Start Time: 09:30:00 End Time: 18:12:30 Time On Btm: 2014.03.31 @ 12:02:00
 Time Off Btm: 2014.03.31 @ 14:07:30

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 3 Minutes
 1st Shut-in 30 Minutes-Yes blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 2nd Shut-in 30 Minutes-Yes blow back



PRESSURE SUMMARY

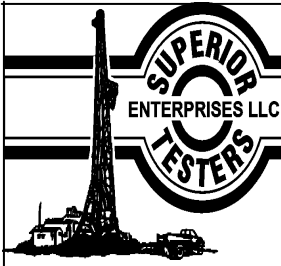
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.74	104.06	Initial Hydro-static
1	165.88	103.68	Open To Flow (1)
32	185.89	105.00	Shut-In(1)
61	286.93	105.94	End Shut-In(1)
63	216.48	105.99	Open To Flow (2)
86	227.02	106.68	Shut-In(2)
125	324.94	107.73	End Shut-In(2)
126	1891.84	108.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	gas oil 15%gas 85%oil	5.21
0.00	800 gas in pipe	0.00
0.00	gravity oil 48	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil L.L.C
 10 11 Centennial Blvd Ste B Hays KS 67601
 ATTN:

33-14-32 Logan
Kreb's V #1
 Job Ticket: 19216 **DST#: 2**
 Test Start: 2014.03.31 @ 09:30:00

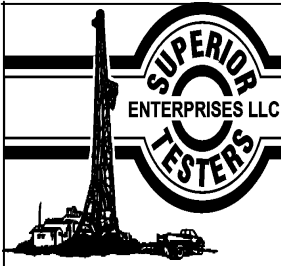
Tool Information

Drill Pipe:	Length: 4108.00 ft	Diameter: 3.80 inches	Volume: 57.62 bbl	Tool Weight: 1000.00 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: 80000.00 lb
			<u>Total Volume: 58.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	0.00 ft			
Tool Length:	214.50 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			4203.00	
Hydraulic tool	5.00			4208.00	
Jars	6.00			4214.00	
Safety Joint	2.00			4216.00	
Top Packer	5.00			4221.00	
Packer - Shale	5.00			4226.00	
Anchor	77.00			4303.00	
Recorder	1.00		Inside	4304.00	
Blank Off Sub	0.50			4304.50	
Packer - Shale	5.00			4309.50	
tail pipe	99.00			4408.50	
Recorder	1.00		Outside	4409.50	
Bullnose	3.00			4412.50	214.50 Anchor Tool

Total Tool Length: 214.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Black Tea Oil L.L.C

33-14-32 Logan

10 11 Centennial Blvd Ste B Hays KS 67601

Kreb's V #1

Job Ticket: 19216

DST#: 2

ATTN:

Test Start: 2014.03.31 @ 09:30:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 48.00 sec/qt
 Water Loss: 7.20 in³
 Resistivity: ohm.m
 Salinity: 5000.00 ppm
 Filter Cake: 1.00 inches

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

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	gas oil 15%gas 85%oil	5.212
0.00	800 gas in pipe	0.000
0.00	gravity oil 48	0.000

Total Length: 430.00 ft Total Volume: 5.212 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

