



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Confidentiality Requested:
 Yes No

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 Date Reached TD Completion Date or
Recompletion Date 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: _____

1249429

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 |
|--|---|

| 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: _____ _____ |
|--|---|---|

Black Tea Oil

Krebs O1

LTD 4394

Port Collar 2073 500 sks

Perfs

Morrow 4283-4300 3500 gal 15% INS

Johnson 42554-70, 4230-34 5500 gal 15% INS

Summary of Changes

Lease Name and Number: Krebs O 1

API/Permit #: 15-109-21230-00-00

Doc ID: 1249429

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name | Previous Value | New Value |
|---|----------------|------------|
| Amount of Surface Pipe Set and Cemented at | 250 | 260 |
| Approved Date | 04/16/2014 | 04/27/2015 |
| CasingPurposeOfString PDF_1 | SURFACE | Surface |
| CasingPurposeOfString PDF_2 | PRODUCTION | Production |
| CasingSettingDepthPDF F_1 | 250 | 260 |
| CasingSettingDepthPDF F_2 | 4400 | 4420 |
| CasingWeightPDF_1 | 16 | 23 |
| CasingWeightPDF_2 | 20 | 15.5 |
| If Alternate II Completion - Cement Circulated From | | 2073 |
| 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 | | 500 |
| Method Of Completion - Commingled | No | Yes |
| Multiple Stage Cementing Collar Depth | 2100 | 2073 |
| Perf_Record_1 | | see attached report |
| Plug Back Total Depth | | 4394 |
| Producing Formation | KANSAS CITY / JOHNSON | Morrow/ JOHNSON |
| Save Link | ../../../../kcc/detail/operatorEditDetail.cfm?docID=1199915 | ../../../../kcc/detail/operatorEditDetail.cfm?docID=1249429 |
| TopsDatum1 | -1307 | -1605 |
| TopsDatum2 | | -1552 |
| TopsDepth1 | 3985 | 4283 |
| TopsDepth2 | | 4230 |
| TopsName1 | KANSAS CITY | Morrow |
| TopsName2 | | Johnson |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|-------------|----------------|-----------|
| Total Depth | 4500 | 4422 |

Summary of Attachments

Lease Name and Number: Krebs O 1

API: 15-109-21230-00-00

Doc ID: 1249429

Correction Number: 1

Attachment Name

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) (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: | |
|----------------|-------|---------|------------|--|

ALLIED OIL & GAS SERVICES, LLC 061441

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley KS

| | | | | | | | |
|--------------------------------|-----------------|-----------------------------------|-----------------|------------|----------------------------|-------------------------|--------------------------|
| DATE <u>1-11-14</u> | SEC <u>29</u> | TWP. <u>14</u> | RANGE <u>32</u> | CALLED OUT | ON LOCATION <u>9:00am.</u> | JOB START <u>2:00pm</u> | JOB FINISH <u>2:30pm</u> |
| LEASE <u>Krebs 0</u> | WELL # <u>1</u> | LOCATION <u>Oakley 22 S W + N</u> | | | COUNTY <u>Logan</u> | STATE <u>KS</u> | |
| OLD OR <u>NEW</u> (Circle one) | | | | into | | | |

CONTRACTOR Am Eagle

TYPE OF JOB Production (port collar)

HOLE SIZE 7 7/8 T.D. 4422

CASING SIZE 5 1/2 DEPTH 4420

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL port collar DEPTH 2081

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 21.24'

PERFS.

DISPLACEMENT 104.69

EQUIPMENT

OWNER Same

CEMENT

AMOUNT ORDERED 230 sks ASC

10% Salt, 5% Gilsonite, 2% gel

| | | | |
|-----------|-----------------------------------|----------------|----------------|
| 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> |
| Salt | <u>24 sks</u> | @ <u>26.35</u> | <u>632.40</u> |
| Gilsonite | <u>1150 #</u> | @ <u>.98</u> | <u>1127.00</u> |
| WFR-II | <u>12 bbl</u> | @ <u>58.70</u> | <u>704.40</u> |
| HANDLING | <u>294.15 ft²</u> | @ <u>2.48</u> | <u>729.49</u> |
| MILEAGE | <u>12.85 tons x 2.5 mi x 2.60</u> | | <u>835.25</u> |
| TOTAL | | | <u>8929.14</u> |

PUMP TRUCK CEMENTER Paul Brewer

120 HELPER Tyler Flipse

BULK TRUCK

660 DRIVER Eddie (Two)

BULK TRUCK

DRIVER

REMARKS:

Break cov. Drop ball, Ball went through shoe @ #, mix 12 bbl super flush, mix 30 sks in R.H., mix 200 sks down casing, wash-up in pit, release plug, displace w/ water, plug did land @ # w/ # lift pressure

Float did hold

Thank You!
Paul + Tyler

SERVICE

| | | | |
|-------------------|--------------|---|----------------|
| DEPTH OF JOB | <u>4420'</u> | | |
| PUMP TRUCK CHARGE | | @ | <u>2765.75</u> |
| EXTRA FOOTAGE | @ | | |
| MILEAGE MILV | <u>25</u> | @ | <u>7.70</u> |
| MANIFOLD Head | @ | | <u>275.00</u> |
| MILV | <u>25</u> | @ | <u>4.40</u> |
| TOTAL | | | <u>3343.25</u> |

CHARGE TO: Black Tea

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | | |
|-----------------------------|--------------|---|-----------------|
| <u>Weatherford</u> | <u>5 1/2</u> | | |
| <u>port collar</u> | @ | | <u>3042.00</u> |
| <u>AFU Float shoe</u> | @ | | <u>408.33</u> |
| <u>Latchdown Plug Assm.</u> | @ | | <u>324.09</u> |
| <u>Baskets</u> | <u>3</u> | @ | <u>394.29</u> |
| <u>turbolizers</u> | <u>8</u> | @ | <u>93.60</u> |
| TOTAL | | | <u>5,706.69</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 17,978.48

DISCOUNT 2,454.47 IF PAID IN 30 DAYS

15,524.00 Net.

PRINTED NAME _____

SIGNATURE John K L



DRILL STEM TEST REPORT

Prepared For: **BlackTea Oil**

1011 Centennial Blvd. Ste. Hays Kansas
67601

ATTN: Anthony Steinke

Krebs O

29-14s-32w Logan

Start Date: 2014.01.06 @ 06:47:00

End Date: 2014.01.08 @ 02:41:28

Job Ticket #: 19165 DST #: 1

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

Printed: 2014.01.07 @ 00:21:30

BlackTea Oil
29-14s-32w Logan
Krebs O
DST # 1
Kansas City
2014.01.06



DRILL STEM TEST REPORT

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19165

DST#: 1

ATTN: Anothony Steinke

Test Start: 2014.01.06 @ 06:47:00

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:58

Time Test Ended: 02:41:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Scott City-45

Interval: 3845.00 ft (KB) To 3913.00 ft (KB) (TVD)

Reference Elevations: 2669.00 ft (KB)

Total Depth: 3913.00 ft (KB) (TVD)

2662.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8524 Outside

Press @ RunDepth: 164.80 psia @ 3910.08 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.06

End Date: 2014.01.08

Last Calib.: 2014.01.06

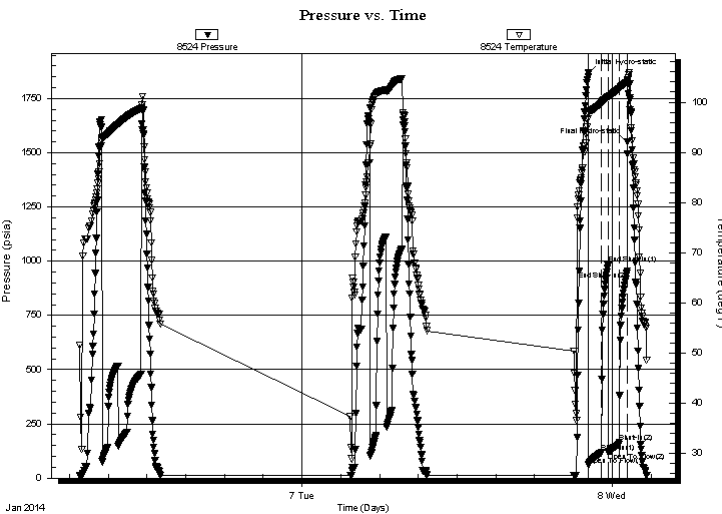
Start Time: 06:48:00

End Time: 02:41:27

Time On Btm: 2014.01.07 @ 22:10:28

Time Off Btm: 2014.01.08 @ 01:09:58

TEST COMMENT: 1st Open 60 minutes Good building blow built to the bottom of a 5 gallon bucket of water in 43 minutes..
 1st Shut in 30 minute No blow back
 2nd Open 60 minutes Good building blow built to 7 inches .
 2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1866.82 | 97.75 | Initial Hydro-static |
| 1 | 61.23 | 97.80 | Open To Flow (1) |
| 60 | 118.37 | 99.83 | Shut-In(1) |
| 91 | 988.52 | 101.17 | End Shut-In(1) |
| 91 | 120.31 | 101.05 | Open To Flow (2) |
| 143 | 164.80 | 102.70 | Shut-In(2) |
| 179 | 954.71 | 103.99 | End Shut-In(2) |
| 180 | 1548.67 | 104.18 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------------|--------------|
| 240.00 | Very lightly oil spotted mud mud 100% | 2.94 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19165

DST#: 1

ATTN: Anothony Steinke

Test Start: 2014.01.06 @ 06:47:00

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:58

Time Test Ended: 02:41:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Scott City-45

Interval: 3845.00 ft (KB) To 3913.00 ft (KB) (TVD)

Reference Elevations: 2669.00 ft (KB)

Total Depth: 3913.00 ft (KB) (TVD)

2662.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6806

Inside

Press @ RunDepth: 950.39 psia @ 3909.08 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.06

End Date: 2014.01.06

Last Calib.: 2014.01.06

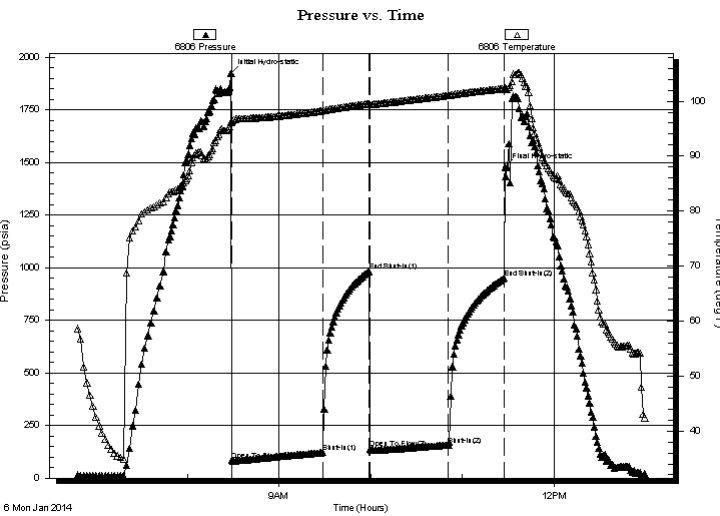
Start Time: 06:48:00

End Time: 13:00:00

Time On Btm: 2014.01.06 @ 08:28:30

Time Off Btm: 2014.01.06 @ 11:28:00

TEST COMMENT: 1st Open 60 minutes Good building blow built to the bottom of a 5 gallon bucket of water in 43 minutes..
 1st Shut in 30 minute No blow back
 2nd Open 60 minutes Good building blow built to 7 inches .
 2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1924.71 | 96.19 | Initial Hydro-static |
| 1 | 83.17 | 96.29 | Open To Flow (1) |
| 60 | 122.85 | 98.23 | Shut-In(1) |
| 91 | 984.40 | 99.53 | End Shut-In(1) |
| 91 | 140.00 | 99.38 | Open To Flow (2) |
| 143 | 157.97 | 101.03 | Shut-In(2) |
| 179 | 950.39 | 102.28 | End Shut-In(2) |
| 180 | 1477.69 | 102.39 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------------|--------------|
| 240.00 | Very lightly oil spotted mud mud 100% | 2.94 |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19165

DST#: 1

ATTN: Anothony Steinke

Test Start: 2014.01.06 @ 06:47:00

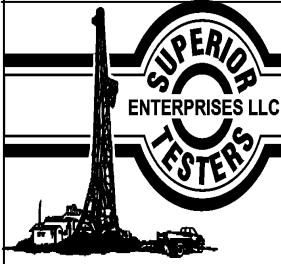
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3816.00 ft | Diameter: 3.80 inches | Volume: 53.53 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 30.70 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: 53.53 bbl</u> | Tool Chased 3.00 ft |
| Drill Pipe Above KB: | 21.70 ft | | | String Weight: Initial 68000.00 lb |
| Depth to Top Packer: | 3845.00 ft | | | Final 69000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 68.08 ft | | | |
| Tool Length: | 88.08 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |
| Tool Comments: | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Shut-In Tool | 5.00 | | | 3830.00 | |
| Hydraulic Tool | 5.00 | | | 3835.00 | |
| Packer | 5.00 | | | 3840.00 | 20.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3845.00 | |
| Anchor | 5.00 | | | 3850.00 | |
| Change Over Sub | 0.75 | | | 3850.75 | |
| Drill Pipe | 30.58 | | | 3881.33 | |
| Change Over Sub | 0.75 | | | 3882.08 | |
| Anchor | 26.00 | | | 3908.08 | |
| Recorder | 1.00 | 6806 | Inside | 3909.08 | |
| Recorder | 1.00 | 8524 | Outside | 3910.08 | |
| Bull Plug | 3.00 | | | 3913.08 | 68.08 Bottom Packers & Anchor |

Total Tool Length: 88.08



DRILL STEM TEST REPORT

FLUID SUMMARY

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19165

DST#: 1

ATTN: Anothony Steinke

Test Start: 2014.01.06 @ 06:47:00

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: 4.60 sec/qt

Cushion Volume:

bbbl

Water Loss: 55.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------------------------------|----------------|
| 240.00 | Very lightly oil spotted mud mud 100% | 2.936 |

Total Length: 240.00 ft Total Volume: 2.936 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

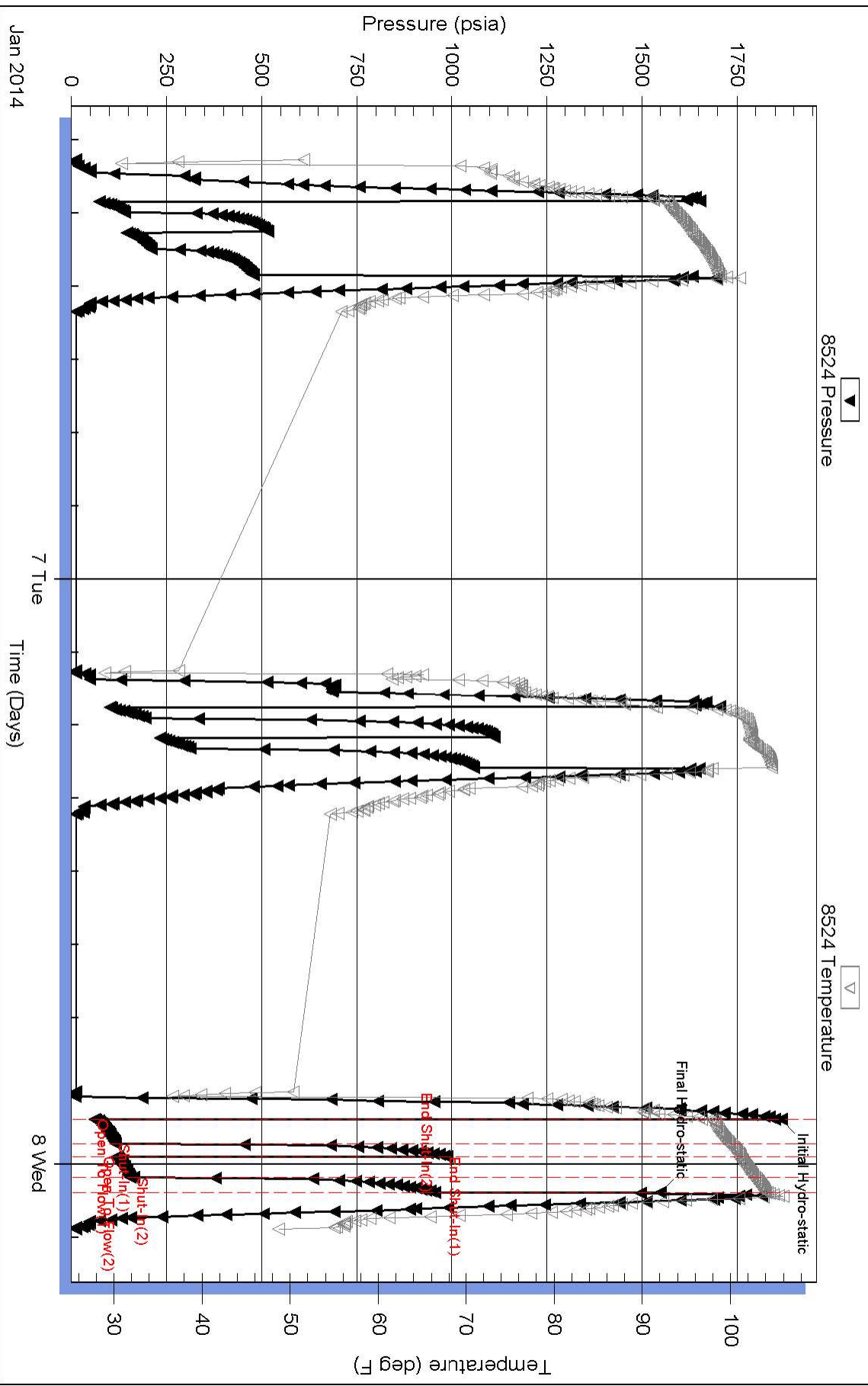
Serial #: 8524

Outside BlackTea Oil

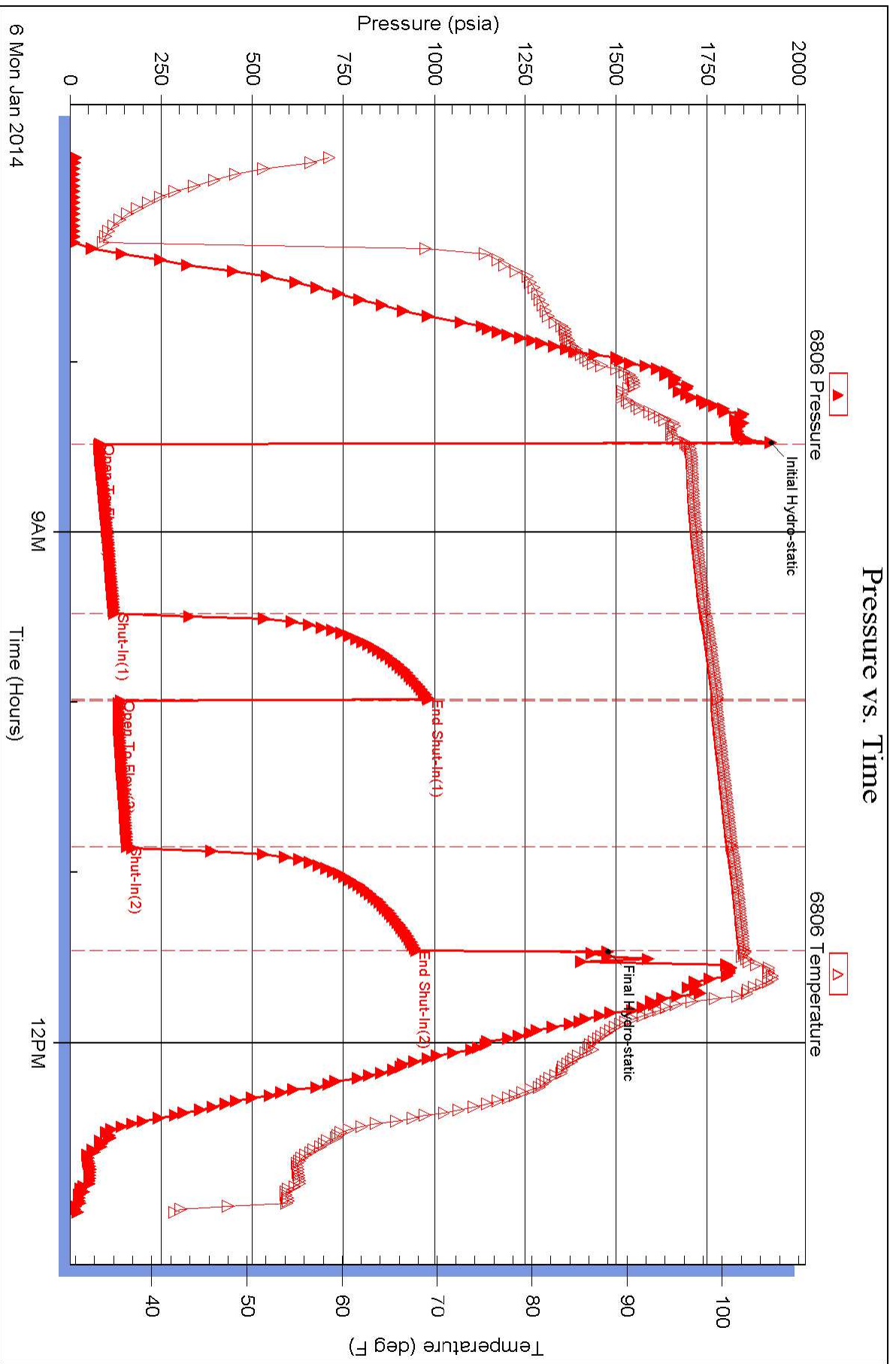
Kebs O

DST Test Number: 1

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **BlackTea Oil**

1011 Centennial Blvd. Ste. Hays Kansas
67601

ATTN: Anthony Steinke

Krebs O

29-14s-32w Logan

Start Date: 2014.01.07 @ 11:25:00

End Date: 2014.01.07 @ 18:01:30

Job Ticket #: 19166 DST #: 2

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

Printed: 2014.01.07 @ 16:12:45



DRILL STEM TEST REPORT

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19166

DST#: 2

ATTN: Anothony Steinke

Test Start: 2014.01.07 @ 11:25:00

GENERAL INFORMATION:

Formation: **Lansing L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:30

Time Test Ended: 18:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Scott City-45

Interval: 3935.00 ft (KB) To 3960.00 ft (KB) (TVD)

Reference Elevations: 2669.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

2662.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6806

Press @ RunDepth: 61.68 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.07

End Date: 2014.01.07

Last Calib.: 2014.01.07

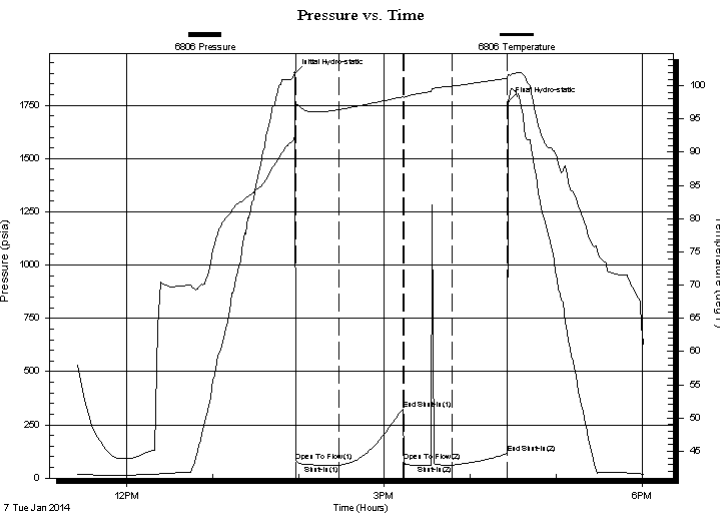
Start Time: 11:25:00

End Time: 18:01:30

Time On Btm: 2014.01.07 @ 13:57:30

Time Off Btm: 2014.01.07 @ 16:26:30

TEST COMMENT: 1st Open 30 minutes Fair building blow reached 2.5 inches into a 5 gallon bucket of water.
 1st Shut in 45 minutes No blow back.
 2nd Open 30 minutes Weak surface blow died off. Flushed tool w eak surface blow died off.
 2nd Shut in 45 minutes No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1900.46 | 92.59 | Initial Hydro-static |
| 1 | 81.45 | 97.05 | Open To Flow (1) |
| 31 | 60.78 | 96.42 | Shut-In(1) |
| 76 | 324.71 | 98.33 | End Shut-In(1) |
| 76 | 76.77 | 98.28 | Open To Flow (2) |
| 110 | 61.68 | 99.94 | Shut-In(2) |
| 148 | 115.52 | 101.14 | End Shut-In(2) |
| 149 | 1766.68 | 101.63 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 42.00 | Oil spotted mud mud 100% | 0.31 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19166

DST#: 2

ATTN: Anothony Steinke

Test Start: 2014.01.07 @ 11:25:00

GENERAL INFORMATION:

Formation: **Lansing L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:30

Time Test Ended: 18:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-Scott City-45

Interval: 3935.00 ft (KB) To 3960.00 ft (KB) (TVD)

Reference Elevations: 2669.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

2662.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8159

Press @ RunDepth: 146.60 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.07

End Date: 2014.01.07

Last Calib.: 2014.01.07

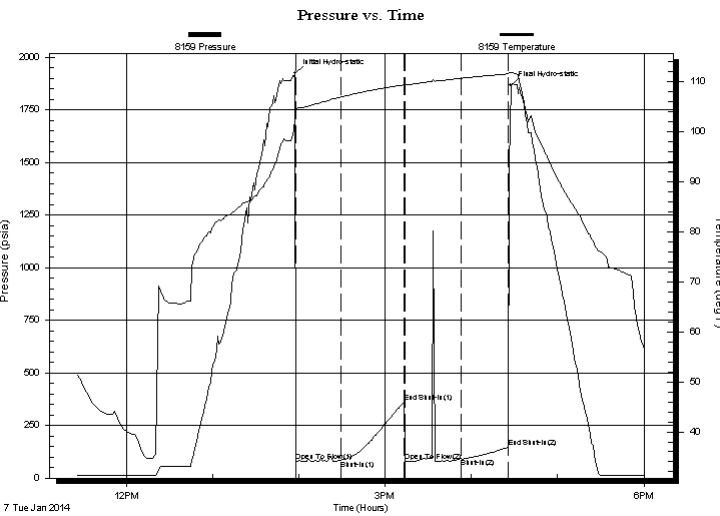
Start Time: 11:25:00

End Time: 18:01:00

Time On Btm: 2014.01.07 @ 13:57:30

Time Off Btm: 2014.01.07 @ 16:27:30

TEST COMMENT: 1st Open 30 minutes Fair building blow reached 2.5 inches into a 5 gallon bucket of water.
 1st Shut in 45 minutes No blow back.
 2nd Open 30 minutes Weak surface blow died off. Flushed tool w eak surface blow died off.
 2nd Shut in 45 minutes No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1923.40 | 102.48 | Initial Hydro-static |
| 1 | 79.00 | 104.24 | Open To Flow (1) |
| 32 | 84.68 | 107.03 | Shut-In(1) |
| 76 | 361.37 | 109.44 | End Shut-In(1) |
| 76 | 80.20 | 109.32 | Open To Flow (2) |
| 115 | 92.22 | 110.74 | Shut-In(2) |
| 148 | 146.60 | 111.64 | End Shut-In(2) |
| 150 | 1865.02 | 111.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 42.00 | Oil spotted mud mud 100% | 0.31 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19166

DST#: 2

ATTN: Anothony Steinke

Test Start: 2014.01.07 @ 11:25:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3892.00 ft | Diameter: 3.80 inches | Volume: 54.59 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: 30.70 ft | Diameter: 2.25 inches | Volume: 0.15 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: 54.74 bbl</u> | Tool Chased 3.00 ft |
| Drill Pipe Above KB: | 10.31 ft | | | String Weight: Initial 68000.00 lb |
| Depth to Top Packer: | 3935.00 ft | | | Final 68000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 25.67 ft | | | |
| Tool Length: | 48.28 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|------------------|-------|------|---------|---------|----------------------------|
| P.O. Sub | 0.31 | | | 3912.70 | |
| C.O. Sub | 0.31 | | | 3913.01 | |
| P.O. Sub | 0.31 | | | 3913.32 | |
| Recorder | 1.80 | | Fluid | 3915.12 | |
| Conv. S.I. Tool | 1.52 | | | 3916.64 | |
| Sampler | 1.10 | | | 3917.74 | |
| HMV | 2.10 | | | 3919.84 | |
| Recorder | 1.80 | | Inside | 3921.64 | |
| Telemetry Tool | 7.01 | | | 3928.65 | |
| Jars | 2.05 | | | 3930.70 | |
| Bypass Hanger | 0.32 | | | 3931.02 | |
| Safety Joint | 0.78 | | | 3931.80 | |
| Packer | 1.78 | | | 3933.58 | 22.61 Bottom Of Top Packer |
| Packer | 1.42 | | | 3935.00 | |
| Stubb | 0.36 | | | 3935.36 | |
| Recorder Carrier | 1.80 | | | 3937.16 | |
| Recorder | 0.00 | 6806 | Outside | 3937.16 | |
| Recorder | 0.00 | 6839 | Outside | 3937.16 | |
| Perforations | 18.00 | | | 3955.16 | |
| Bypass Receiver | 0.85 | | | 3956.01 | |
| Blank Spacing | 0.00 | | | 3956.01 | |
| Stubb | 0.36 | | | 3956.37 | 25.67 Tool Interval |
| Packer | 1.42 | | | 3957.79 | |
| Bypass Hanger | 0.30 | | | 3958.09 | |
| Recorder | 1.80 | 8159 | Below | 3959.89 | |
| Collar | 0.00 | | | 3959.89 | |



DRILL STEM TEST REPORT

FLUID SUMMARY

BlackTea Oil

29-14s-32w Logan

1011 Centennial Blvd. Ste. Hays Kansas 67601

Krebs O

Job Ticket: 19166

DST#: 2

ATTN: Anothony Steinke

Test Start: 2014.01.07 @ 11:25:00

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 7.20 ohm.m

Gas Cushion Pressure:

psia

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 42.00 | Oil spotted mud mud 100% | 0.309 |

Total Length: 42.00 ft Total Volume: 0.309 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

