

JUL 29 2010

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

7/27/12

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

KCC WICHITA

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3403

Name: Flatirons Resources LLC

Address 1: 303 E. 17th Ave

Address 2: Suite 940

City: Denver State: CO Zip: 80203

Contact Person: John MARVIN

Phone: (303) 292-3902 x 229

CONTRACTOR: License # 33575

Name: WW Drilling LLC

Wellsite Geologist: Clayton Erickson

Purchaser: Texon

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

5/14/2010	5/22/2010	6/25/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22232-00-00

Spot Description: _____

SE SE NW NW Sec. 14 Twp. 16 S. R. 28 East West

1,085 Feet from North / South Line of Section

1,300 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Lane

Lease Name: Church Lawrence Unit Well #: 11-14

Field Name: Demand Northwest

Producing Formation: Ft. Scott

Elevation: Ground: 2628 Kelly Bushing: 2633

Total Depth: 4574 Plug Back Total Depth: 4543

Amount of Surface Pipe Set and Cemented at: 217 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2012 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: 3,500 ppm Fluid volume: 769 bbls

Dewatering method used: air dry - back fill

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: _____

Title: Managing Dir. Date: 7/27/10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 7/27/10 - 7/27/12

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: MS Date: 8/4/10

Operator Name: Flatirons Resources LLC Lease Name: Church Lawrence Unit Well #: 11-14

Sec. 14 Twp. 16 S. R. 28 East West County: Lane

CONFIDENTIAL

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: Dual Compensated Porosity, Dual Induction, Microresistivity, Borehole Compensated Sonic</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite - top</td> <td>2044</td> <td>589</td> </tr> <tr> <td>Heebner</td> <td>3815</td> <td>-1182</td> </tr> <tr> <td>Lansing</td> <td>3854</td> <td>-1221</td> </tr> <tr> <td>Pawnee</td> <td>4326</td> <td>-1693</td> </tr> <tr> <td>Johnson zone</td> <td>4426</td> <td>-1793</td> </tr> <tr> <td>Mississippian</td> <td>4510</td> <td>-1877</td> </tr> <tr> <td>TD</td> <td>4574</td> <td>-1941</td> </tr> </table>	Name	Top	Datum	Anhydrite - top	2044	589	Heebner	3815	-1182	Lansing	3854	-1221	Pawnee	4326	-1693	Johnson zone	4426	-1793	Mississippian	4510	-1877	TD	4574	-1941
Name	Top	Datum																							
Anhydrite - top	2044	589																							
Heebner	3815	-1182																							
Lansing	3854	-1221																							
Pawnee	4326	-1693																							
Johnson zone	4426	-1793																							
Mississippian	4510	-1877																							
TD	4574	-1941																							

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	23#	220'	common	150	3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	4574'	common	180	10% salt, 5% gilsonite & 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2012 - surface	multi-density	420	6% cement w/ 1/4# floseal

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
4	4358'-4366'	250 gal 15% mud cleanup acid	4358-4366
4	4374'-4381'	250 gal 15% mud cleanup acid	4374-4381

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>4517</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>7/2/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>65</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4358'-4366'</u> <u>4374'-4381'</u>
---	---	--

ALLIED CEMENTING CO., LLC. 039309

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC
JUL 27 2010

SERVICE POINT:
Oakley

DATE <u>5-22-10</u>	SEC. <u>14</u>	TWP. <u>16</u>	RANGE <u>28</u>	CONFIDENTIAL MILED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>2:20pm</u>
LEASE <u>Church Lawrence</u>		WELL # <u>11-14</u>	LOCATION <u>shields 3E 2N</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			W into				

CONTRACTOR W + W Rig
 TYPE OF JOB Production (Two-stage)
 HOLE SIZE 2 7/8 T.D. 4525'
 CASING SIZE 5 1/2 DEPTH 4564.41'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL DV DEPTH 2012'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 21.55'
 CEMENT LEFT IN CSG. 21.55'
 PERFS. _____ TOP _____
 DISPLACEMENT Bottom 108.12 _____ TOP 47.88

OWNER same

CEMENT
 AMOUNT ORDERED 180 sks com 2% gel
100 salt 5% sks gilsonite 100 1% gel 140
450 sks 6% gel 6% gel 1/4" flo-seal
1000 gel WFR-2 450 CLa-Pro

COMMON	<u>420 sks</u>	@	<u>13.65</u>	<u>5733.00</u>
POZMIX	<u>160 sks</u>	@	<u>7.60</u>	<u>1216.00</u>
GEL	<u>21 sks</u>	@	<u>20.40</u>	<u>428.40</u>
CHLORIDE	_____	@	_____	_____
ASC	_____	@	_____	_____
SALT	<u>17 sks</u>	@	<u>23.55</u>	<u>400.35</u>
WFR-2	<u>1000 gal</u>	@	<u>1.27</u>	<u>1270.00</u>
CLa-Pro	<u>4 gal</u>	@	<u>30.70</u>	<u>122.80</u>
Gilsonite	<u>900#</u>	@	<u>0.75</u>	<u>675.00</u>
Fl-160	<u>85#</u>	@	<u>13.05</u>	<u>1109.25</u>
Flo-seal	<u>100#</u>	@	<u>2.45</u>	<u>245.00</u>
HANDLING	<u>622 sks</u>	@	_____	<u>622.00</u>
MILEAGE	<u>10 sks/mile</u>	@	_____	<u>1866.00</u>
				TOTAL <u>13687.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER Andrew
 # 429-281 HELPER Larene
 BULK TRUCK
 # 377 DRIVER Wil RECEIVED
 BULK TRUCK
 # 423 DRIVER Glen JUL 29 2010

REMARKS: KCC WICHITA

Pump 500gal WFR-2 followed by 2000L KEL water
Followed by 180 sks com 10% salt 2% gel 5% Gilsonite
Wash pump and lines clean Displace
Plug 700# Lift pressure 1200# land plug
Float hole plug landed open DV tool
800# Pump 500gal WFR-2 2000L KEL water
Plug Rat hole 30 sks mix 1/20 down sta
Casing wash pump and lines clean Displace
700# LIFT 1500# land plug circulate
APROX 35-40 TO PIPE TOOL CLOSE
Thank you

SERVICE

DEPTH OF JOB	<u>4564.41'</u>		
PUMP TRUCK CHARGE			<u>2050.00</u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>30 miles</u>	@	<u>7.00</u> <u>210.00</u>
MANIFOLD	_____	@	_____
<u>Less Reg Time</u>	_____	@	<u>(2200.00)</u>
TOTAL <u>2060.00</u>			

CHARGE TO: Flat iron Resources

STREET _____
 CITY _____ STATE _____ ZIP _____

5 1/2 PLUG & FLOAT EQUIPMENT

1 AFU float shoe		<u>214.00</u>
11 Centralizers	@ <u>35.00</u>	<u>385.00</u>
2 Baskets	@ <u>161.00</u>	<u>322.00</u>
1 Limit clamp	@	<u>29.00</u>
1 DV TOOL	@	<u>2832.00</u>
26 Rotating scratchers	@ <u>83.00</u>	<u>2158.00</u>
TOTAL <u>5940.00</u>		

To Allied Cementing Co., 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 _____
 DISCOUNT (scribble) IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Brad Hildner

Bid

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES:

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and

(B) Oil, spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., LLC. 041532

KCC

JUL 27 2010

SERVICE POINT:

Orat Bend

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

DATE <i>5/14/10</i>	SEC. <i>19</i>	TWP. <i>16</i>	RANGE <i>2E</i>	CALLED OUT	ON LOCATION	JOB START <i>10:15P</i>	JOB FINISH <i>10:45P</i>
LEASE <i>Church Conference Unit</i>	WELL # <i>11-14</i>	LOCATION <i>Shields 2E 2N</i>			COUNTY <i>Lanc</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			<i>Winds</i>				

CONTRACTOR *Wm Drilling Rig #8*

TYPE OF JOB *Surface 52*

HOLE SIZE *10 1/4* T.D. *217*

CASING SIZE *8 5/8* DEPTH *220*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *13 661*

OWNER _____

CEMENT AMOUNT ORDERED *150 Co. JSCC*

28 Gal.

EQUIPMENT

PUMP TRUCK CEMENTER *Shane*

681 HELPER *Wayne*

BULK TRUCK DRIVER *Bobby*

DRIVER

COMMON	<i>150</i>	@	<i>13.50</i>	<i>2025.00</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>20.25</i>	<i>60.75</i>
CHLORIDE	<i>5</i>	@	<i>51.50</i>	<i>257.50</i>
ASC		@		
HANDLING	<i>150</i>	@	<i>2.25</i>	<i>337.50</i>
MILEAGE	<i>110/14/16</i>			<i>450.00</i>
TOTAL				<i>3130.75</i>

REMARKS:

Cement Circulated

CHARGE TO: *Flat IRONS*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>991.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>30</i>	@	<i>7.00</i>	<i>210.00</i>
MANIFOLD		@		
RECEIVED		@		
TOTAL				<i>1201.00</i>

JUL 29 2010

KCC WICHITA

PLUG & FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				

To Allied Cementing Co., 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 *Sid Douyts chon*

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES ~~_____~~

DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

Thanks!

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—SERVICE CONDITIONS AND LIABILITIES:

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Russell, KS
785-483-2003

ALLIED CEMENTING CO. LLC
(ACID) KCC
P.O. Box 31
Russell, Kansas 67665
785-483-2627

10469
Medicine Lodge, KS
620-886-5926

JUL 27 2010
CONFIDENTIAL

Date	6-22-10	PC#	Verbal - Bret H.	Location	Vic Shields
Owner	Flatiron's	Lease	Church-lawrence	Well	11-14
Station	Russell	Section		County	lane
		Township		State	ks
		Range		Formation	NIA
				Contractor	H O W/S

WELL DATA				PERFORATIONS		TREATMENT		INFO:
SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.		Max. Pressure		To: Allied Cementing Company LLC (ACID) You are hereby requested to rent acidizing equipment to do work as listed. Charge To: Flatiron's
TUBING	2 7/8		4322	25.02	From 4358 to 4366	Uac		
CASING	5 1/2		4366		From to	Min. Pressure		
OPEN HOLE					From to	Avg. Inj. Rate		
PKR			4322		From to	Avg. TrT Pressure		
TDPB			4320		From to	Total Fluid Pumped	32.5 Bbls.	
							Street	
							City	State


TREATMENT LOG

TIME A.M./P.M.	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	INDIVIDUAL FLUID PUMPED	INJECTION RATE	EXPLANATION
	TBG	CSG					
9:55	0		0			2.5	Spot acid
10:07	0		3.25			0	Set packer
10:12	0		3.25			3.5	Start acid to load
10:14	0		6.4			3.5	acid in, start flush
10:18	0		21.0			2.0	Slowed to load
10:22	0		26.5			0	Tubing loaded
10:58	0		27.5	1		1.2 gal min	One Abl in
11:06	0		29.5	3		1.20	Three Bbls in
11:11	0		30.5	4		1.20	Four Bbls in
11:17	0		31.5	5		1.20	Five Bbls in
11:22	0		32.5	6		0	Finished on slight vac
							Job Complete
							Thank you.
							Dan Deatherage

EQUIPMENT AND PERSONNEL	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
Blake D	Standard delivery chg	1	200.00	200.00
David D	Milage (Hayes)	60	4.00	240.00
	15% mud cleanup air	250 gal	1.79	447.50
	D.m.p.	1 gal	28.00	28.00
	Inhibitor	1 gal	34.50	34.50
RECEIVED				
JUL 29 2010				
KCC WICHITA				

New Producer.....	<input checked="" type="checkbox"/>	Sub-Total	950.00
Old Producer.....	<input type="checkbox"/>	Tax	
Old Producer- New Zones.....	<input type="checkbox"/>	Total	
New SWD or Injection.....	<input type="checkbox"/>		
Old SWD or Injection.....	<input type="checkbox"/>		
Pressure Test.....	<input type="checkbox"/>		

Terms: 20% discount will be allowed if paid in 30 days from invoice date.

Customer Signature: 

Customer Print Name: _____

As consideration, the above names (well owner or contractor) agrees to: (a) pay you in accordance with your current price schedule; (b) Allied Cementing Company LLC (ACID) shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure Allied Cementing Company LLC (ACID) against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of Allied Cementing Company LLC (ACID). If equipment or instruments of Allied Cementing Company LLC (ACID) are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of Allied Cementing Company LLC (ACID); (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; and (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statutes applicable to servicemen you furnish.

Russell, KS
785-483-2003

ALLIED CEMENTING CO. LLC

(ACID)
P.O. Box 31
Russell, Kansas 67665
785-483-2627

KCC

JUL 27 2010
CONFIDENTIAL

10461
Medicine Lodge, KS
620-886-5926

Date: 6-17-10 PO#: Verbal - Bret H Location: Vic Shields, Kc
Owner: Flatiron's Lease: Church Lawrence Well: 11-14 County: Lane State: Ks
Station: Russell Section: Township: Range: Formation: Contractor: H-D w/s

WELL DATA				PERFORATIONS		TREATMENT		INFO:
SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.		Max. Pressure	0	To: Allied Cementing Company LLC (ACID) You are hereby requested to rent acidizing equipment to do work as listed. Charge To: Flatiron's
TUBING	2 7/8		4354	25.21	From 4374 to 4381	Min. Pressure		
CASING	5 1/2		4391	165	From to	Avg. Inj. Rate		
OPEN HOLE					From to	Avg. TrT Pressure		
PKR					From to	Total Fluid Pumped	31.84 Bbls.	
TDPB					From to			Street: City: State:

TREATMENT LOG

TIME A.M./P.M.	PRESSURE TBG CSG		TOTAL FLUID PUMPED	FLUID IN FORMATION	INDIVIDUAL FLUID PUMPED	INJECTION RATE	EXPLANATION
8:35	0		0			3.5	Spot acid 5.0 Bbls
8:46	0		5.0			0	Set packer @ 4354
8:53	0		5.0			3.5	Start acid to load
8:54	0		6.0			3.5	all acid in, start flush
9:00	0		25.86			1.5	Pumped total tubing volume/no load
9:00	26		26.8			0	Tubing loaded, 94 late
9:01	0		26.8			-1.56pm	let zone take acid on vac
9:58	0		28.8	2		-	Two Bbls in formation
10:48	0		30.8	4		-	Four Bbls in formation
11:27	0		31.86	6		0	Finished on slight vac

Thank You

David Deatherage

EQUIPMENT AND PERSONNEL	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
Blake D	Standard delivery chg	1	200.00	200.00
David D	Mudlog Hays	60 mi	4.00	240.00
	15% mud cleanup acid	250 gal	1.79	447.50
	Inhibitor	1 gal	34.50	34.50

RECEIVED

JUL 29 2010

KCC WICHITA

New Producer Terms: 20% discount will be allowed if paid in 30 days from invoice date.
 Old Producer
 Old Producer- New Zones
 New SWD or Injection
 Old SWD or Injection
 Pressure Test

Sub-Total: 922.00
Tax:
Total:

Customer Signature: [Signature] Customer Print Name:

As consideration, the above names (well owner or contractor) agrees to: (a) pay you in accordance with your current price schedule; (b) Allied Cementing Company LLC (ACID) shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure Allied Cementing Company LLC (ACID) against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of Allied Cementing Company LLC (ACID). If equipment or instruments of Allied Cementing Company LLC (ACID) are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of Allied Cementing Company LLC (ACID); (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; and (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statutes applicable to servicemen you furnish.

Russell, KS
785-483-2003

ALLIED CEMENTING CO. LLC
(ACID)
P.O. Box 31
Russell, Kansas 67665
785-483-2627

10464
Medicine Lodge, KS
620-886-5926

KCC
JUL 27 2010
CONFIDENTIAL

Date	6-18-10	PO#	Verbal - Bret H	Location	Vic Shields
Owner	Flatiron's	Lease	Church Lawrence	Well	11-14
Station	Russell	Section		County	Loup
		Township		Range	
		Formation		Contractor	H-O w/S
				State	Ks

WELL DATA				PERFORATIONS	TREATMENT	INFO:
SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.	Max. Pressure	To: Allied Cementing Company LLC (ACID) You are hereby requested to rent acidizing equipment to do work as listed. Charge To: Flatiron's
TUBING	2 1/8			From to	Min. Pressure	
CASING	5 1/2			From to	Avg. Inj. Rate	
OPEN HOLE				From to	Avg. TrT Pressure	
PKR				From to	Total Fluid Pumped	Street
TDPB				From to	0 Bbls.	City State

TREATMENT LOG

TIME A.M./P.M.	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	INDIVIDUAL FLUID PUMPED	INJECTION RATE	EXPLANATION
	TBG	CSG					
							No Services
							Incomplete
							Thank you!
							David Deather

EQUIPMENT AND PERSONNEL	MATERIALS USED	AMOUNT	UNIT PRICE	TOTAL COST
David D	Incomplete Service	1	300.00	300.00
	Milage Hays	60	4.00	240.00
	DMD	1 gal	28.00	28.00
	Mutual Solo 2% 500	10 gal	18.75	187.50

RECEIVED

JUL 29 2010

KCC WICHITA

- New Producer.....
- Old Producer.....
- Old Producer- New Zones.....
- New SWD or Injection.....
- Old SWD or Injection.....
- Pressure Test.....

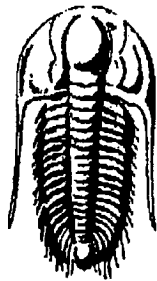
Terms: 20% discount will be allowed
if paid in 30 days from invoice date. 604.00


Customer Signature

Sub-Total	755.50
Tax	
Total	

Customer Print Name

As consideration, the above names (well owner or contractor) agrees to: (a) pay you in accordance with your current price schedule; (b) Allied Cementing Company LLC (ACID) shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure Allied Cementing Company LLC (ACID) against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of Allied Cementing Company LLC (ACID). If equipment or instruments of Allied Cementing Company LLC (ACID) are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of Allied Cementing Company LLC (ACID); (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; and (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statutes applicable to servicemen you furnish.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Flatirons Res LLC**

303 E 17th Ste 940
Denver Colo 80202

ATTN:

14-16-28-Lane-Ks

Church Lawrence 11-14

Start Date: 2010.05.18 @ 22:37:37

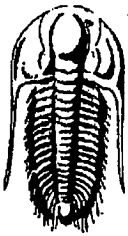
End Date: 2010.05.19 @ 05:57:07

Job Ticket #: 38687 DST #: 1

**KCC
JUL 27 2010
CONFIDENTIAL**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

**RECEIVED
JUL 29 2010
KCC WICHITA**



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

Church Lawrence 11-14
14-16-28-Lane-Ks
Job Ticket: 38687 DST#: 1
Test Start: 2010.05.18 @ 22:37:37

ATTN:

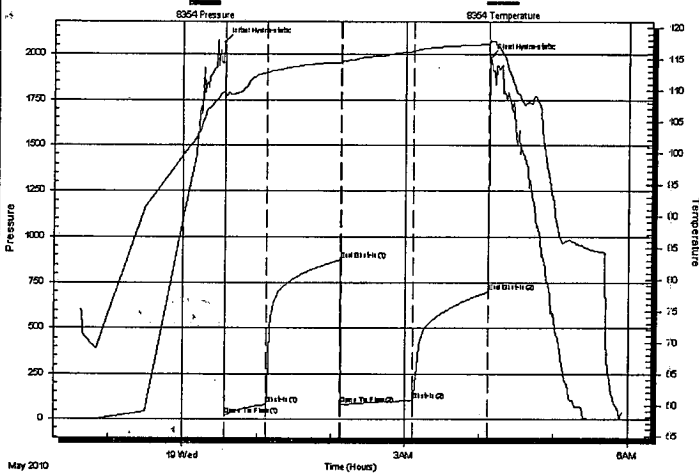
GENERAL INFORMATION:

Formation: H-I LKC
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:34:07
Time Test Ended: 05:57:07
Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38
Interval: 4008.00 ft (KB) To 4076.00 ft (KB) (TVD)
Reference Elevations: 2633.00 ft (KB)
Total Depth: 4076.00 ft (KB) (TVD) 2628.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8354 **Inside**
Press@RunDepth: 105.49 psig @ 4012.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.18 End Date: 2010.05.19 Last Calib.: 2010.05.19
Start Time: 22:37:38 End Time: 05:57:07 Time On Btm: 2010.05.19 @ 00:33:07
Time Off Btm: 2010.05.19 @ 04:08:07

TEST COMMENT: IF-Weak building to 1"
FF-Weak building to 1/2"

Pressure vs. Time



PRESSURE SUMMARY

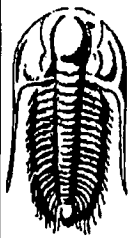
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.69	109.71	Initial Hydro-static
1	20.46	108.96	Open To Flow (1)
34	79.81	112.80	Shut-In(1)
94	872.65	114.47	End Shut-In(1)
95	81.78	114.31	Open To Flow (2)
153	105.49	116.30	Shut-In(2)
215	701.63	117.33	End Shut-In(2)
215	1982.04	117.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mdy Wtr	0.59
60.00	Mud w/ show of oil on top	0.82

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38687

DST#: 1

ATTN:

Test Start: 2010.05.18 @ 22:37:37

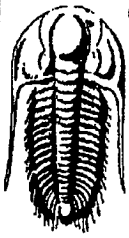
Tool Information

Drill Pipe:	Length: 3887.00 ft	Diameter: 3.80 inches	Volume: 54.52 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 55.12 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4008.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3981.00	
Shut In Tool	5.00			3986.00	
Hydraulic tool	5.00			3991.00	
Jars	5.00			3996.00	
Safety Joint	3.00			3999.00	
Packer	5.00			4004.00	28.00 Bottom Of Top Packer
Packer	4.00			4008.00	
Stubb	1.00			4009.00	
Perforations	2.00			4011.00	
Change Over Sub	1.00			4012.00	
Recorder	0.00	8354	Inside	4012.00	
Recorder	0.00	8520	Outside	4012.00	
Drill Pipe	31.00			4043.00	
Change Over Sub	1.00			4044.00	
Perforations	29.00			4073.00	
Bullnose	3.00			4076.00	68.00 Bottom Packers & Anchor
Total Tool Length:	96.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

Church Lawrence 11-14

14-16-28-Lane-Ks

Job Ticket: 38687

DST#: 1

ATTN:

Test Start: 2010.05.18 @ 22:37:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.57 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 35000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mdy Wtr	0.590
60.00	Mud w / show of oil on top	0.823

Total Length: 180.00 ft Total Volume: 1.413 bbl

Num Fluid Samples: 0

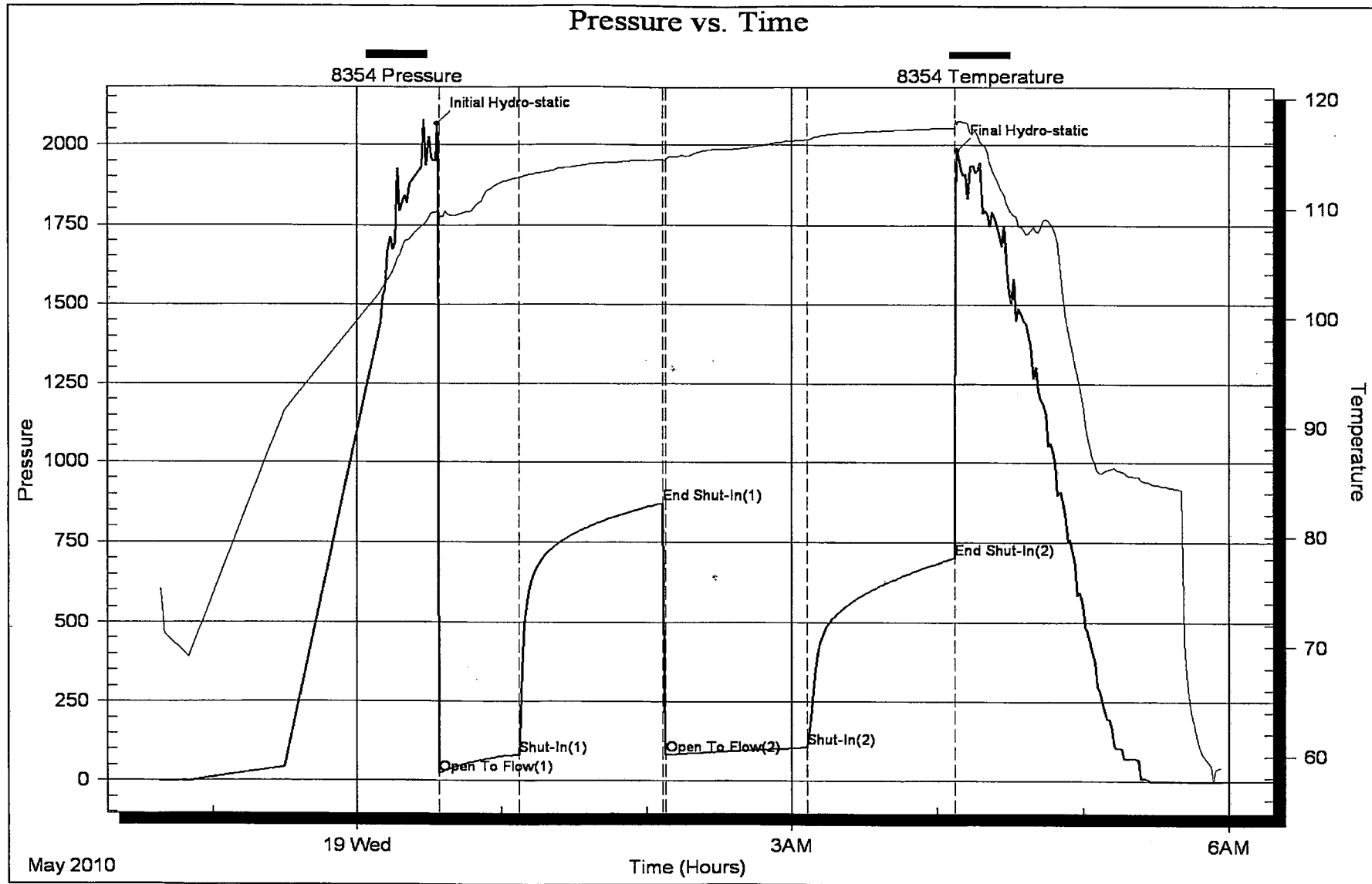
Num Gas Bombs: 0

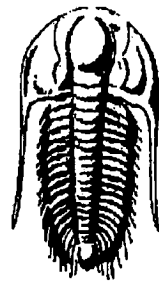
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .20 @ 70 =35000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Flatirons Res LLC**

303 E 17th Ste 940
Denver Colo 80202

ATTN:

14-16-28-Lane-Ks

Church Lawrence 11-14

Start Date: 2010.05.19 @ 17:13:11

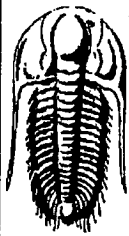
End Date: 2010.05.19 @ 23:58:11

Job Ticket #: 38688 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Res LLC

303 E 17th Ste 940
Denver Colo 80202

ATTN:

Church Lawrence 11-14

14-16-28-Lane-Ks

Job Ticket: 38688

DST#: 2

Test Start: 2010.05.19 @ 17:13:11

GENERAL INFORMATION:

Formation: L LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:49:26

Time Test Ended: 23:58:11

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 4136.00 ft (KB) To 4170.00 ft (KB) (TVD)

Total Depth: 4170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2633.00 ft (KB)

2628.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8354 Inside

Press@RunDepth: 65.80 psig @ 4137.00 ft (KB)

Start Date: 2010.05.19

End Date:

2010.05.19

Start Time: 17:13:12

End Time:

23:58:11

Capacity: 8000.00 psig

Last Calib.: 2010.05.20

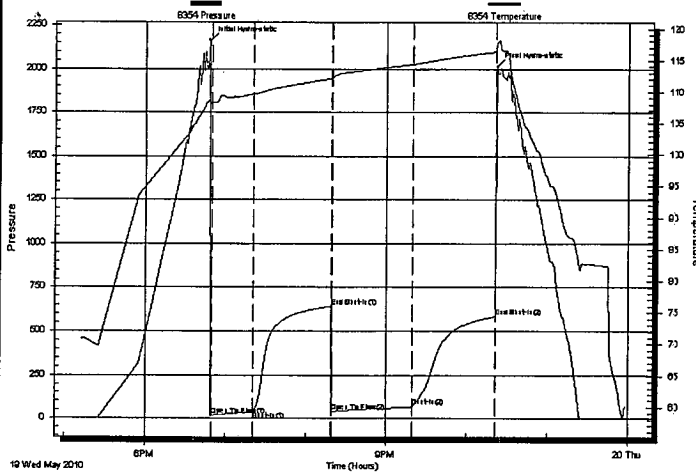
Time On Btm: 2010.05.19 @ 18:47:56

Time Off Btm: 2010.05.19 @ 22:22:11

TEST COMMENT: IF-Weak building to 1/2"

FF-Weak steady surface blow

Pressure vs. Time



PRESSURE SUMMARY

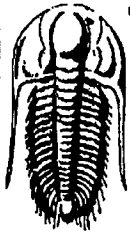
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.74	108.62	Initial Hydro-static
2	17.92	108.23	Open To Flow (1)
33	38.21	109.61	Shut-In(1)
91	642.31	112.07	End Shut-In(1)
91	41.79	111.81	Open To Flow (2)
151	65.80	114.36	Shut-In(2)
214	583.58	116.35	End Shut-In(2)
215	2013.10	117.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Sltly OCM 3%o 97%r	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38688

DST#: 2

ATTN:

Test Start: 2010.05.19 @ 17:13:11

Tool Information

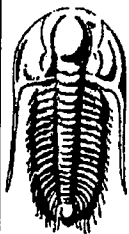
Drill Pipe:	Length: 4012.00 ft	Diameter: 3.80 inches	Volume: 56.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 56.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4136.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4109.00	
Shut In Tool	5.00			4114.00	
Hydraulic tool	5.00			4119.00	
Jars	5.00			4124.00	
Safety Joint	3.00			4127.00	
Packer	5.00			4132.00	28.00 Bottom Of Top Packer
Packer	4.00			4136.00	
Stubb	1.00			4137.00	
Recorder	0.00	8354	Inside	4137.00	
Recorder	0.00	8520	Outside	4137.00	
Perforations	30.00			4167.00	
Bullnose	3.00			4170.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38688

DST#: 2

ATTN:

Test Start: 2010.05.19 @ 17:13:11

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Sltly OCM 3%o 97% _m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

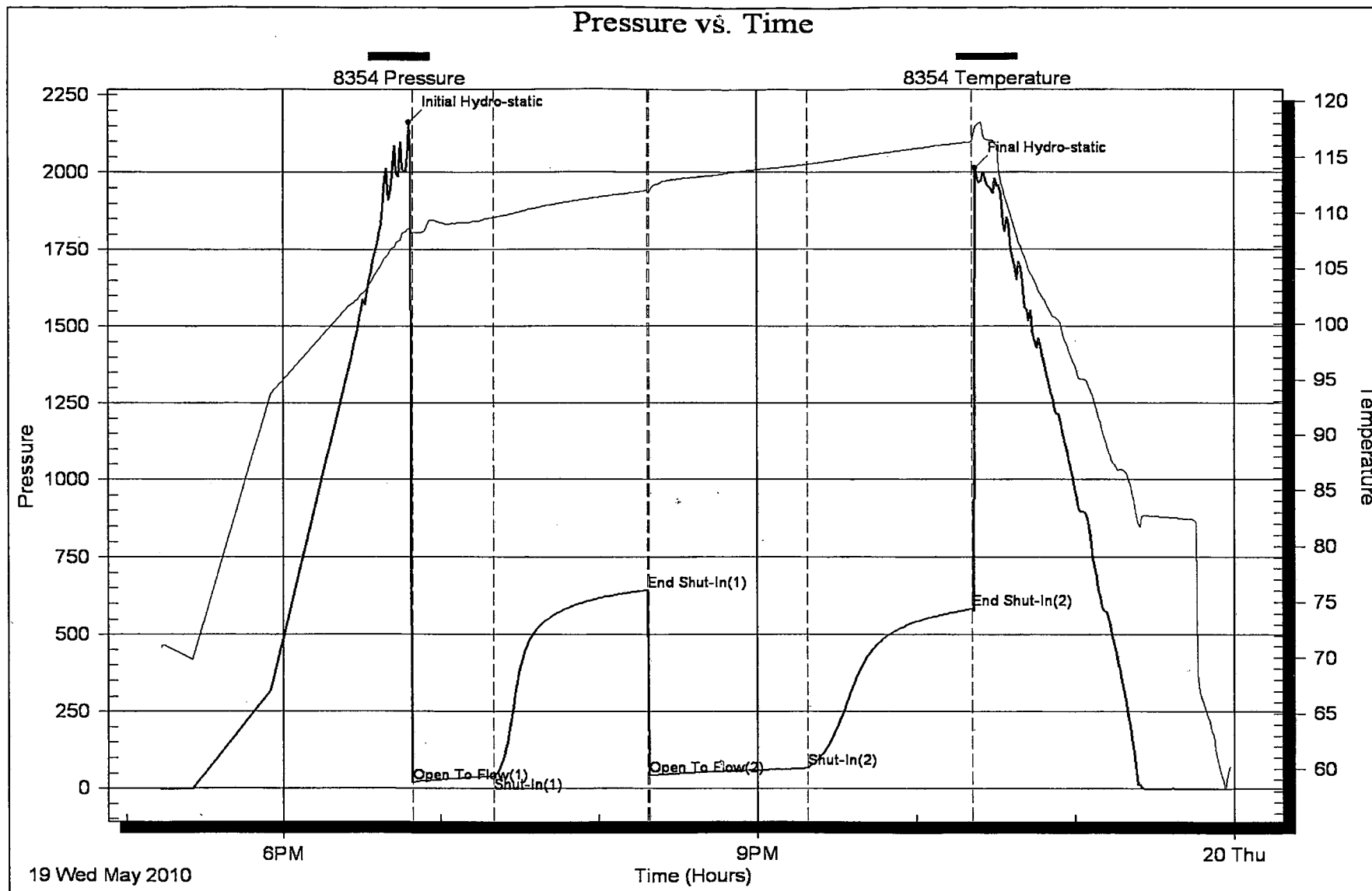
Num Gas Bombs: 0

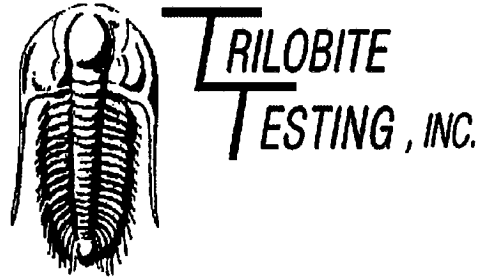
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Flatirons Res LLC**

303 E 17th Ste 940
Denver Colo 80202

ATTN:

14-16-28-Lane-Ks

Church Lawrence 11-14

Start Date: 2010.05.20 @ 22:47:33

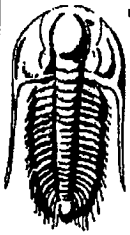
End Date: 2010.05.21 @ 05:02:03

Job Ticket #: 38689 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

Church Lawrence 11-14
14-16-28-Lane-Ks
Job Ticket: 38689 **DST#: 3**
Test Start: 2010.05.20 @ 22:47:33

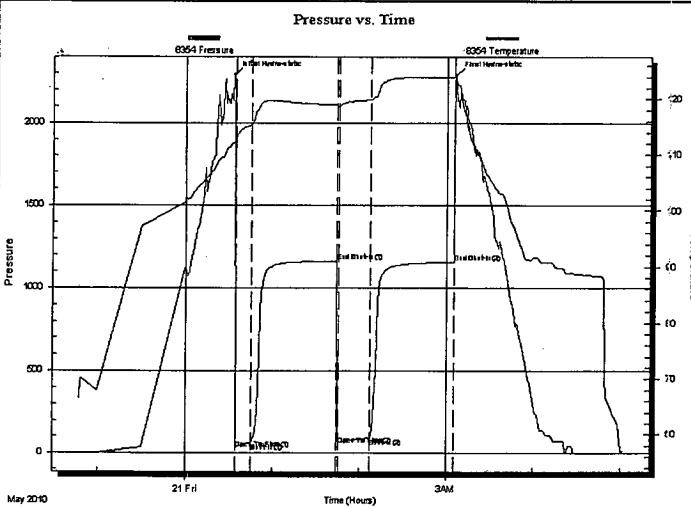
ATTN:

GENERAL INFORMATION:

Formation: **Ft Scott**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: 00:34:18
Time Test Ended: 05:02:03
Interval: **4344.00 ft (KB) To 4382.00 ft (KB) (TVD)**
Total Depth: **4382.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Dan Bangle**
Unit No: **38**
Reference Elevations: **2633.00 ft (KB)**
2628.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8354 **Inside**
Press@RunDepth: **91.89 psig @ 4345.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.05.20** End Date: **2010.05.21** Last Calib.: **2010.05.21**
Start Time: **22:47:34** End Time: **05:02:03** Time On Btm: **2010.05.21 @ 00:33:18**
Time Off Btm: **2010.05.21 @ 03:06:18**

TEST COMMENT: IF-Strong B-B in 7 min
ISI-No blow back
FF-Strong B-B in 1 min
FSI-Weak building to 2"



PRESSURE SUMMARY

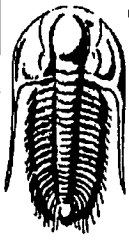
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.38	112.21	Initial Hydro-static
1	23.35	111.02	Open To Flow (1)
12	59.03	115.34	Shut-In(1)
71	1162.70	119.03	End Shut-In(1)
72	51.98	118.76	Open To Flow (2)
94	91.89	119.91	Shut-In(2)
152	1156.10	123.94	End Shut-In(2)
153	2290.09	123.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCGsyO 30%g 50%o 20%m	0.30
152.00	CGsyO 30%g 70%o	1.57
0.00	940 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38689

DST#: 3

ATTN:

Test Start: 2010.05.20 @ 22:47:33

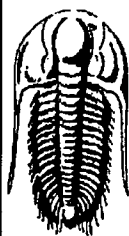
Tool Information

Drill Pipe:	Length: 4200.00 ft	Diameter: 3.80 inches	Volume: 58.91 bbl	Tool Weight: 2500.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 59.51 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4344.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4317.00	
Shut In Tool	5.00			4322.00	
Hydraulic tool	5.00			4327.00	
Jars	5.00			4332.00	
Safety Joint	3.00			4335.00	
Packer	5.00			4340.00	28.00 Bottom Of Top Packer
Packer	4.00			4344.00	
Stubb	1.00			4345.00	
Recorder	0.00	8354	Inside	4345.00	
Recorder	0.00	8520	Outside	4345.00	
Perforations	34.00			4379.00	
Bullnose	3.00			4382.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38689

DST#:3

ATTN:

Test Start: 2010.05.20 @ 22:47:33

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 91.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCGsyO 30%g 50%o 20%m	0.295
152.00	CGsyO 30%g 70%o	1.567
0.00	940 GIP	0.000

Total Length: 212.00 ft

Total Volume: 1.862 bbl

Num Fluid Samples: 0

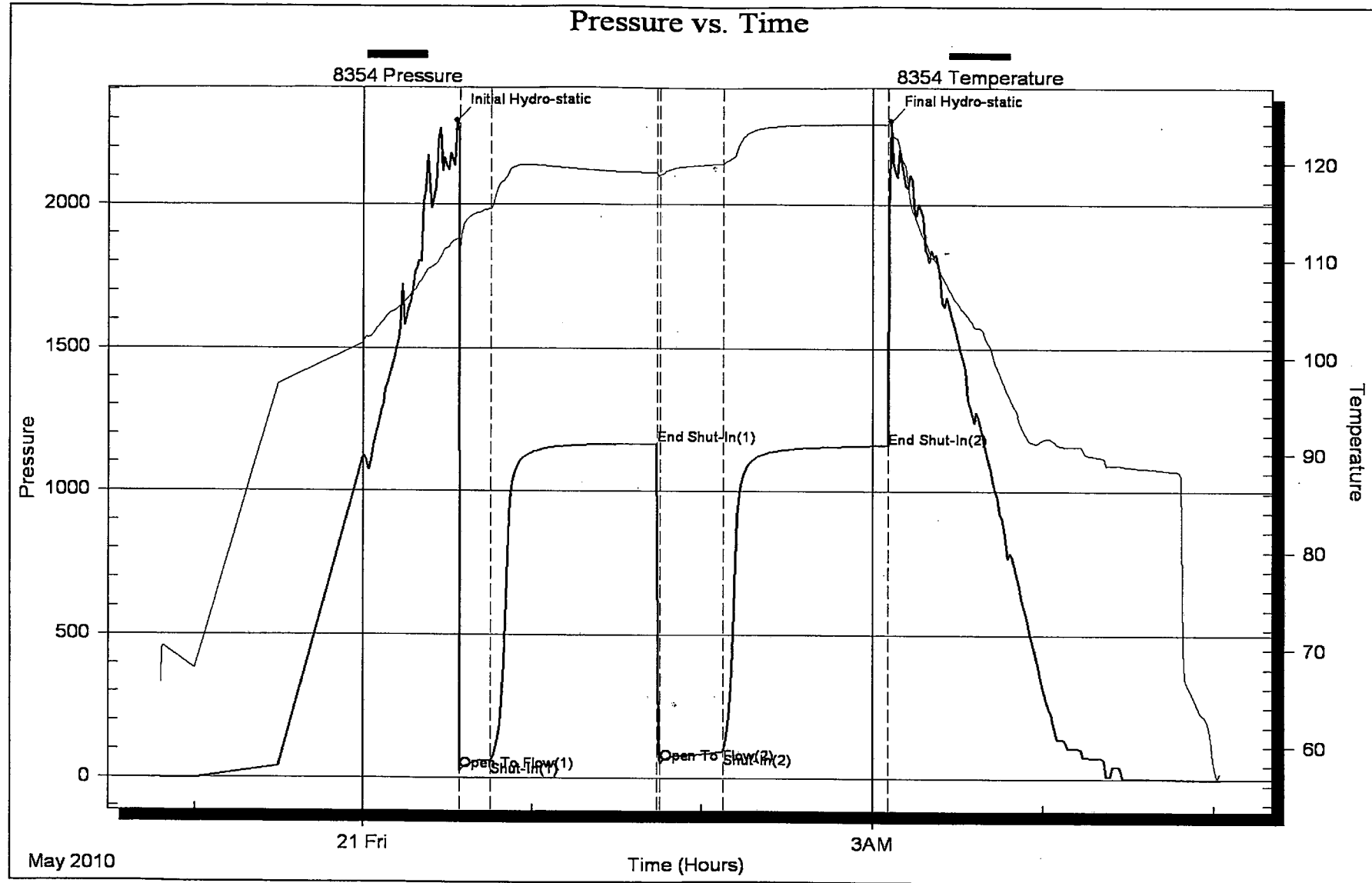
Num Gas Bombs: 0

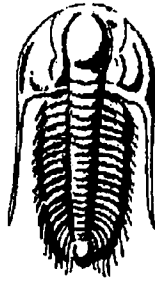
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Flatirons Res LLC**

303 E 17th Ste 940
Denver Colo 80202

ATTN:

14-16-28-Lane-Ks

Church Lawrence 11-14

Start Date: 2010.05.21 @ 14:00:54

End Date: 2010.05.21 @ 18:26:24

Job Ticket #: 38690 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Flatirons Res LLC

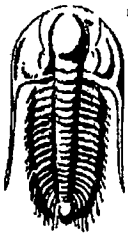
Church Lawrence 11-14

14-16-28-Lane-Ks

DST # 4

Cherokee

2010.05.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Res LLC

303 E 17th Ste 940
Denver Colo 80202

ATTN:

Church Lawrence 11-14

14-16-28-Lane-Ks

Job Ticket: 38690

DST#: 4

Test Start: 2010.05.21 @ 14:00:54

GENERAL INFORMATION:

Formation: **Cheroke**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:25:54

Time Test Ended: 18:26:24

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **4406.00 ft (KB) To 4448.00 ft (KB) (TVD)**

Reference Elevations: 2633.00 ft (KB)

Total Depth: 4448.00 ft (KB) (TVD)

2628.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **8354** Inside

Press@RunDepth: 22.76 psig @ 4410.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.05.21

End Date:

2010.05.21

Last Calib.: 2010.05.21

Start Time: 14:00:55

End Time:

18:26:24

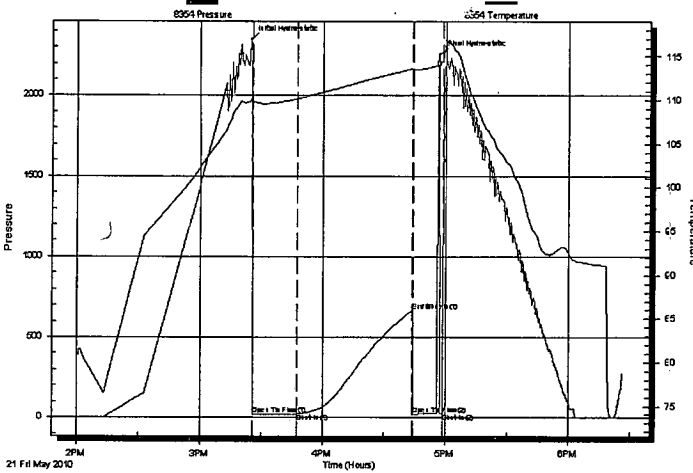
Time On Btm: 2010.05.21 @ 15:24:54

Time Off Btm: 2010.05.21 @ 16:56:54

TEST COMMENT: IF-Weak died in 15 min

FF-No blow - flushed tool

Pressure vs. Time



PRESSURE SUMMARY

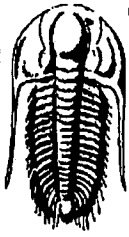
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2344.50	109.97	Initial Hydro-static
1	19.55	109.53	Open To Flow (1)
23	22.76	110.19	Shut-In(1)
79	666.88	113.59	End Shut-In(1)
80	21.07	113.40	Open To Flow (2)
92	2252.70	114.87	Final Hydro-static
94	24.94	114.46	Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

ATTN:

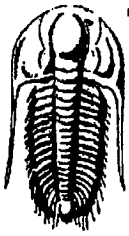
Church Lawrence 11-14
14-16-28-Lane-Ks
Job Ticket: 38690 **DST#: 4**
Test Start: 2010.05.21 @ 14:00:54

Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.80 inches	Volume: 59.78 bbl	Tool Weight: 2500.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 60.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4406.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4379.00	
Shut In Tool	5.00			4384.00	
Hydraulic tool	5.00			4389.00	
Jars	5.00			4394.00	
Safety Joint	3.00			4397.00	
Packer	5.00			4402.00	28.00 Bottom Of Top Packer
Packer	4.00			4406.00	
Stubb	1.00			4407.00	
Perforations	2.00			4409.00	
Change Over Sub	1.00			4410.00	
Recorder	0.00	8354	Inside	4410.00	
Recorder	0.00	8520	Outside	4410.00	
Drill Pipe	31.00			4441.00	
Change Over Sub	1.00			4442.00	
Perforations	3.00			4445.00	
Bullnose	3.00			4448.00	42.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

Church Lawrence 11-14
14-16-28-Lane-Ks
Job Ticket: 38690 DST#: 4
Test Start: 2010.05.21 @ 14:00:54

ATTN:

Mud and Cushion Information

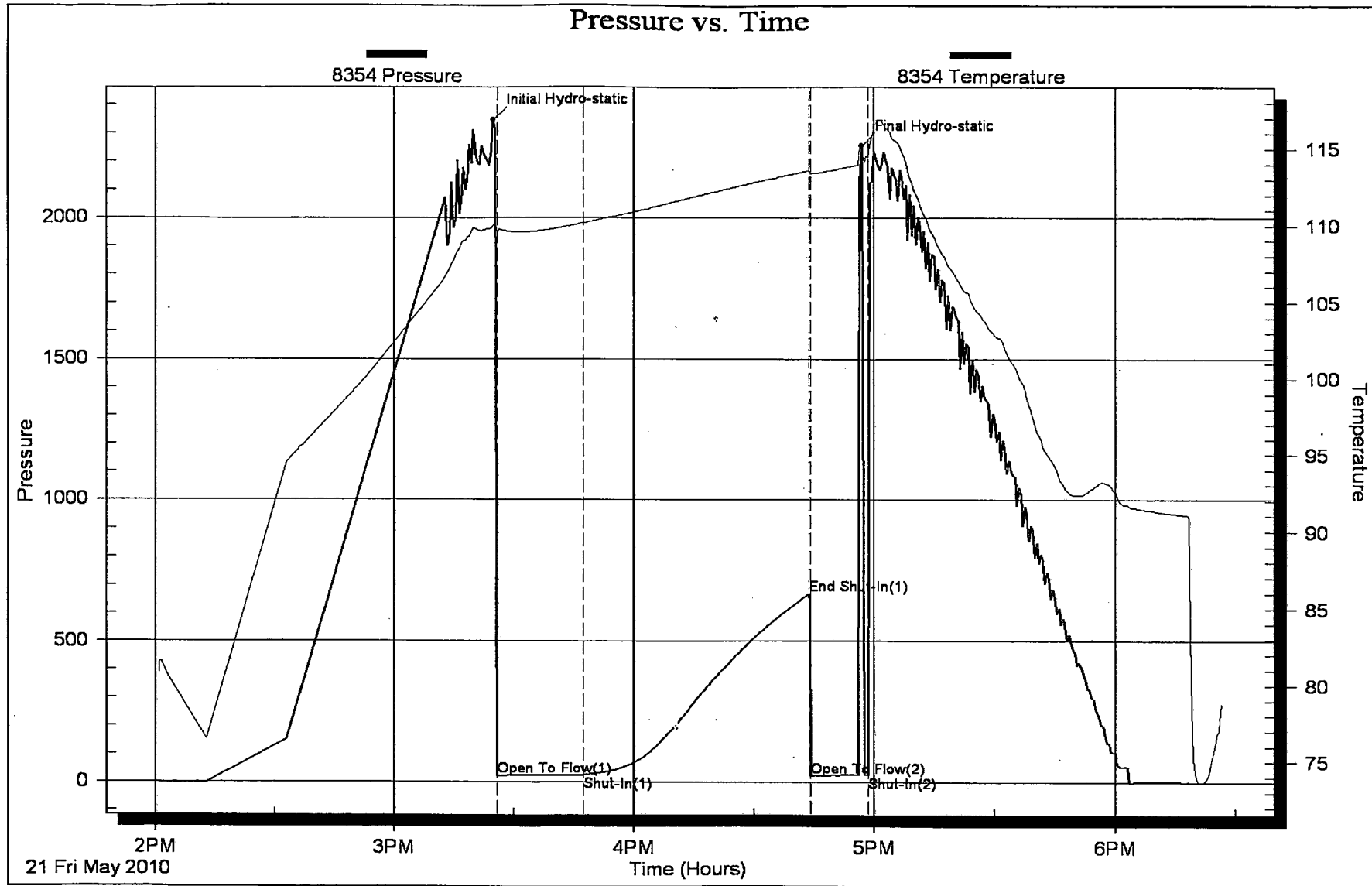
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

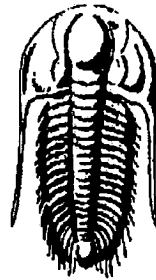
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Flatirons Res LLC**

303 E 17th Ste 940
Denver Colo 80202

ATTN:

14-16-28-Lane-Ks

Church Lawrence 11-14

Start Date: 2010.05.22 @ 17:58:19

End Date: 2010.05.23 @ 00:51:19

Job Ticket #: 38592 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Flatirons Res LLC

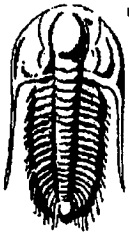
Church Lawrence 11-14

14-16-28-Lane-Ks

DST # 5

Cherokee

2010.05.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Res LLC

303 E 17th Ste 940
Denver Colo 80202

ATTN:

Church Lawrence 11-14

14-16-28-Lane-Ks

Job Ticket: 38592

DST#: 5

Test Start: 2010.05.22 @ 17:58:19

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:27:49

Time Test Ended: 00:51:19

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

Interval: **4441.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Reference Elevations: 2633.00 ft (KB)

Total Depth: 4574.00 ft (KB) (TVD)

2628.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 5.00 ft

Serial #: **8369**

Inside

Press@RunDepth: 110.60 psig @ 4442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.05.22

End Date:

2010.05.23

Last Calib.: 2010.05.23

Start Time: 17:58:24

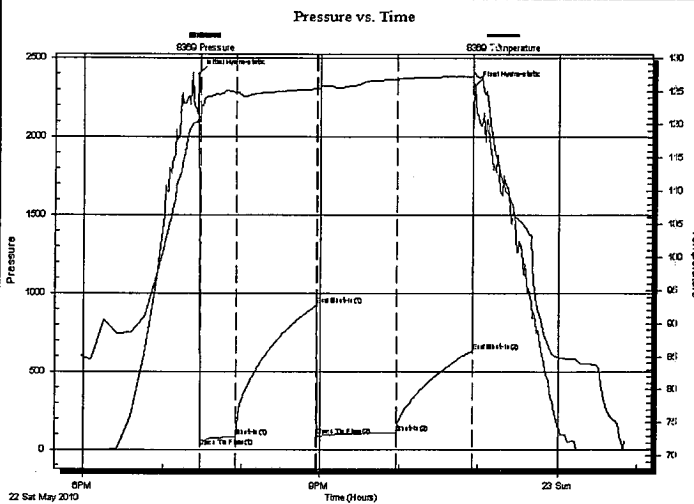
End Time:

00:51:18

Time On Btm: 2010.05.22 @ 19:26:49

Time Off Btm: 2010.05.22 @ 22:56:48

TEST COMMENT: IF-5.25in blow
ISI-No blow
FF-No blow
FSI-No blow



PRESSURE SUMMARY

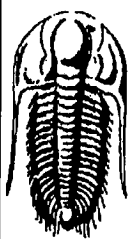
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2399.25	120.89	Initial Hydro-static
1	22.44	120.32	Open To Flow (1)
29	84.99	124.75	Shut-In(1)
90	923.80	125.33	End Shut-In(1)
91	88.72	125.17	Open To Flow (2)
151	110.60	126.73	Shut-In(2)
209	635.97	127.17	End Shut-In(2)
210	2327.91	127.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15
180.00	SWCM 10%W 90%M	1.67

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Flatirons Res LLC

303 E 17th Ste 940
Denver Colo 80202

ATTN:

Church Lawrence 11-14

14-16-28-Lane-Ks

Job Ticket: 38592

DST#: 5

Test Start: 2010.05.22 @ 17:58:19

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:27:49

Time Test Ended: 00:51:19

Interval: **4441.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Total Depth: 4574.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

Reference Elevations: 2633.00 ft (KB)

2628.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8319** Below (Straddle)

Press@RunDepth: psig @ 4476.00 ft (KB)

Start Date: 2010.05.22

End Date:

2010.05.23

Start Time: 18:03:04

End Time:

00:52:58

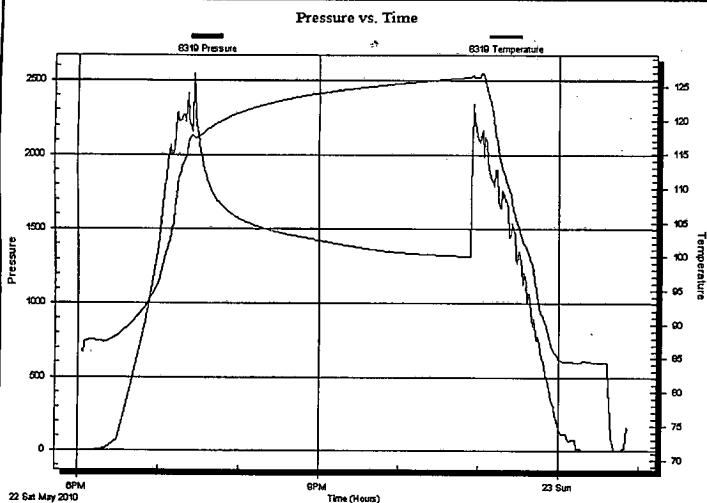
Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-5.25in blow
ISI-No blow
FF-No blow
FSI-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15
180.00	SWCM 10%W 90%M	1.67

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Res LLC

Church Lawrence 11-14

303 E 17th Ste 940
Denver Colo 80202

14-16-28-Lane-Ks

Job Ticket: 38592

DST#: 5

ATTN:

Test Start: 2010.05.22 @ 17:58:19

Tool Information

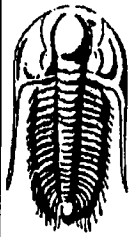
Drill Pipe:	Length: 4317.00 ft	Diameter: 3.80 inches	Volume: 60.56 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 61.17 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4441.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	4475.00 ft			
Interval between Packers:	34.00 ft			
Tool Length:	161.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4415.00	
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Jars	4.00			4429.00	
Safety Joint	3.00			4432.00	
Packer	4.00			4436.00	27.00 Bottom Of Top Packer
Packer	5.00			4441.00	
Stubb	1.00			4442.00	
Recorder	0.00	8369	Inside	4442.00	
Recorder	0.00	6719	Inside	4442.00	
Perforations	29.00			4471.00	
Blank Off Sub	1.00			4472.00	
Blank Spacing	3.00			4475.00	34.00 Tool Interval
Packer	0.00			4475.00	
Stubb	1.00			4476.00	
Recorder	0.00	8319	Below	4476.00	
Perforations	1.00			4477.00	
Change Over Sub	1.00			4478.00	
Blank Spacing	93.00			4571.00	
Change Over Sub	1.00			4572.00	
Bullnose	3.00			4575.00	100.00 Bottom Packers & Anchor

Total Tool Length: 161.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Res LLC
303 E 17th Ste 940
Denver Colo 80202

ATTN:

Church Lawrence 11-14
14-16-28-Lane-Ks
Job Ticket: 38592 **DST#: 5**
Test Start: 2010.05.22 @ 17:58:19

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:	25000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud	0.148
180.00	SWCM 10%W 90%M	1.669

Total Length: 210.00 ft Total Volume: 1.817 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

