

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West\_\_\_\_\_ Feet from  North /  South Line of Section\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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** Letter of Confidentiality Received

Date: \_\_\_\_\_

 Confidential Release Date: \_\_\_\_\_ Wireline Log Received Geologist Report Received UIC DistributionALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Conner 14-27
Doc ID	1076230

All Electric Logs Run

Borehole Compensated Sonic
Microresistivity
Dual Induction
Dual Compensated Porosity

Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Conner 14-27
Doc ID	1076230

Tops

Name	Top	Datum
Anhydrite top	2171	711
Topeka	3658	-776
Hebner	3899	-1017
Lansing	3940	-1058
Base/Kansas City	4304	-1422
Pawnee	4429	-1547
Cherokee Shale	4500	-1618
Mississippian	4558	-1676
TD	4622	-1740

## Summary of Changes

Lease Name and Number: Conner 14-27

API/Permit #: 15-101-22294-00-00

Doc ID: 1076230

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	08/02/2011	03/13/2012
Perf_Material_1	4" HEC	4" HEC; 250 gal 15% MCA
Perf_Material_2	4" HEC	4" HEC; 250 gal 20%NE; sqz w/75 sx cement
Perf_Material_3	4" HEC	4" HEC; 250 gal 15% MCA
Production Interval #2		4545-4554
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1058224	../../kcc/detail/operatorEditDetail.cfm?docID=1076230



**CONFIDENTIAL**

**WELL COMPLETION FORM**

**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

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Name: \_\_\_\_\_

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- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

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- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
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- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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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.

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- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1058224

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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Operator	Flatirons Resources LLC
Well Name	Conner 14-27
Doc ID	1058224

All Electric Logs Run

Borehole Compensated Sonic
Microresistivity
Dual Induction
Dual Compensated Porosity



Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Conner 14-27
Doc ID	1058224

Tops

Name	Top	Datum
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Topeka	3658	-776
Hebner	3899	-1017
Lansing	3940	-1058
Base/Kansas City	4304	-1422
Pawnee	4429	-1547
Cherokee Shale	4500	-1618
Mississippian	4558	-1676
TD	4622	-1740





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4965

Date	6-15-11	Sec.	27	Twp.	18	Range	30	County	Lane	State	Ks	On Location	16:00 AM
Lease	Conner	Well No.	#14-27	Location	Amy, Ks - 200, 25, 1E, N/4				Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Contractor	H-D Drilling	Drilling #	3										
Type Job	Production	Top	Top										
Hole Size	9 7/8"	T.D.	4620'	Charge To	Flatirons Resources								
Csg.	5 1/2"	Depth	21491	Street									
Tbg. Size		Depth		City	State								
Tool	BU Tool	Depth	21491'	The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered 350 SX OMBL - 200L KCL									
Meas Line		Displace	51 BUS	44 Flourseal									
<b>EQUIPMENT</b>													
Pump/Trk	1	No.		Cementier	Cister								
		Helper											
Bulk/Trk	12	No.		Driver	Cory								
		Driver											
Bulk/Trk	PM	No.		Driver	Rik								
		Driver											
<b>JOB SERVICES &amp; REMARKS</b>													
Remarks:	Hills KCL 2 gal												
Rat Hole	30 SX OMBL												
Mouse Hole													
Centralizers	Kol-Seal												
Baskets	Mud CLR 48												
	CFL-117 or CD110 CAF 38												
	Sand												
	Handling 350												
	Mileage												
	<b>FLOAT EQUIPMENT</b>												
	Guide Shoe												
	Centralizer												
	Baskets												
	AFU Inserts												
	Float Shoe												
	Latch Down												
	Lift pressure # 500												
	Cement did NOT Circulate												
	Mileage												
	Pump/Trk Charge												
	Tax												
	Discount												
	Total Charge												

X Signature

*Brook Hibbard*

TOP Stage



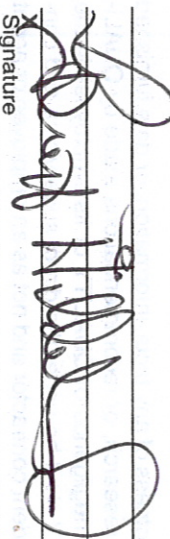
# QUALITY OILWELL CEMENTING, INC.

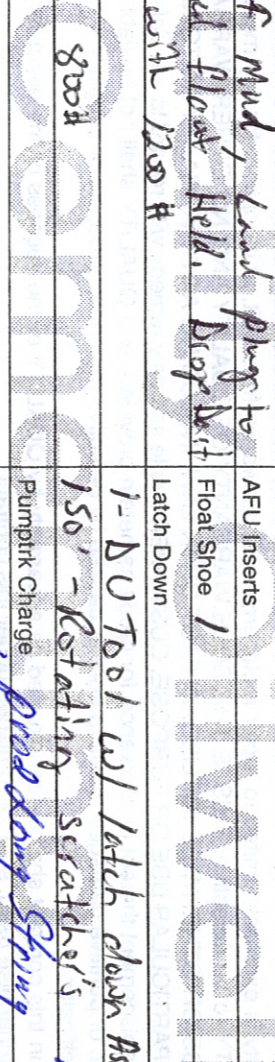
Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4964

Date	6-15-11	Sec.	27	Twp.	18	Range	30	County	Lane	State	Ks	On Location	Finish	7:30 AM	
Lease	Conner	Well No.	#14-27			Location		Amy, Ks - 200, 25, 1E, N/S			Owner				
Contractor	H-D Drilling Rig #3		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.												
Type Job	Production	Bottom													
Hole Size	9 7/8"	T.D.	4620'												
Csg.	5 1/2"	Depth	4610'												
Tbg. Size		Depth													
Tool	DU Tool	Depth	2149'												
Cement Left in Csg.	21'	Shoe Joint	21'												
Meas Line		Displace	109 BLS												
EQUIPMENT															
Pumptk	1	No.	Cementer	Cristo											
			Helper												
Bulktrk	3	No.	Driver	Doug											
			Driver												
Battery	P, u.	No.	Driver	Rick											
			Driver												
JOB SERVICES & REMARKS															
Remarks:	Hills Kill 2 gal														
Rat Hole	Salt														
Mouse Hole	Flowseal														
Centralizers	#113, 2, 4, 6, 8, 10, 12, 14, 16, 18, 57		Kol-Seal												900#
Baskets	#58		Mud CLR 48												500 gal
D/V or Port Collar	#58		CFL-117 or CD110 CAF 38												
	2149'		Sand												
	Handling 204														
	Mileage														
FLOAT EQUIPMENT															
	Guide shoe 1-Rotating head Assy														
	Centralizer 11 turbos														
	Baskets 1														
	AFU Inserts														
	Float Shoe 1														
	Latch Down														
	1-DU Tool w/ Latch down Assy														
	150' - Rotating scratcher's														
	Pumptk Charge														
	Mileage 46														
	Tax														
	Discount														
	Total Charge														
Signature															





# ALLIED CEMENTING CO., LLC. 040891

Federal Tax I.D. # 20-5975804

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

SERVICE POINT:  
Bakely, KS

DATE <u>6-21-11</u>	SEC. <u>28</u>	TWP. <u>18</u>	RANGE <u>30</u>	LOCATED OUT	ON LOCATION	JOB START <u>10:30 am</u>	JOB FINISH <u>11:00 am</u>
LEASE <u>Conner</u>	WELL # <u>14-27</u>	LOCATION <u>Ameyles</u>	<u>14125</u>	<u>22a</u>	<u>Lane</u>	COUNTY <u>KS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				<u>22a</u>	<u>KS</u>		

CONTRACTOR  
TYPE OF JOB Backside fill

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 8 3/8 DEPTH 500 #

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER Kelene

# 431 HELPER Darren

BULK TRUCK DRIVER Mike

# 404

BULK TRUCK DRIVER \_\_\_\_\_

REMARKS:

Mix 60 SKs down backside  
pressure to 500 #  
check up pump & lines

Thank to you

CHARGE TO: Elation Resources

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

OWNER

CEMENT AMOUNT ORDERED 100 SKs 6490 8 bags  
1st # flo seal

COMMON 360 SKs @ 16.25 585.00

POZMIX 24 SKs @ 8.50 204.00

GEL 5 SKs @ 21.25 106.25

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

Flow seal 6 # @ 2.70 16.20

HANDLING 108 SKs @ 2.25 243.00

MILEAGE 119 SK/mile @ \_\_\_\_\_ 272.20

TOTAL 1926.65

SERVICE

DEPTH OF JOB \_\_\_\_\_ 500'

PUMP TRUCK CHARGE \_\_\_\_\_ 1050.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 65 X 2 @ 2.00 130.00

MANIFOLD light details @ 4.00 520.00

TOTAL 2484.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

Brent H. Hall







# ALLIED CEMENTING CO., LLC. 040913

Federal Tax I.D. # 20-5975804

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

SERVICE POINT:  
*Del City, Mo*

DATE <i>9-11-11</i>	SEC. <i>27</i>	TWP. <i>18</i>	RANGE <i>30</i>	CALLED OUT	ON LOCATION	JOB START COUNTY <i>Delaware</i>	JOB FINISH STATE <i>Ks</i>
LEASE <i>Cramer</i>	WELL # <i>14-27</i>	LOCATION <i>Amys Ks 1st 25 Rd Delaware</i>					
OLD OR NEW <i>NEW</i> (circle one)							

CONTRACTOR *Hg Plains*  
 TYPE OF JOB *Waterston Service*  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE *2 7/8"* DEPTH *4338'*  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT *25,16 bbl*  
 EQUIPMENT \_\_\_\_\_

OWNER *same*  
 CEMENT AMOUNT ORDERED *150 stps com*  
*2 sand on side*  
 COMMON \_\_\_\_\_ @ *75545* @ *16.25* *1218.75*  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
*Sand 2516 @ 13.00 26.20*

PUMP TRUCK CEMENTER *LaReve*  
 # *431* HELPER *Danner*  
 BULK TRUCK # *404* DRIVER *LaReve / Ephan*  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING *15295* @ *2.25* *342.00*  
 MILEAGE *1145K/mile* @ \_\_\_\_\_ *1086.80*  
 TOTAL *2673.75*

REMARKS:  
*Test bridge plug 2000#*  
*Spot sand 24464'*  
*Seperator at 4338' grade 484min*  
*Mix 75545 cement, Displace with*  
*25.5 bbl water to 1338# shut in*  
*for 15min pressure to 1650# held*  
*back-out, pressure to 500#*  
*7 Man & peer*

DEPTH OF JOB \_\_\_\_\_ SERVICE \_\_\_\_\_  
 PUMP TRUCK CHARGE *4338'* *1550.00*  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE *65X2* @ \_\_\_\_\_ *910.00*  
 MANFOLD \_\_\_\_\_ @ \_\_\_\_\_  
*light vehicle* @ \_\_\_\_\_ *520.00*  
 TOTAL *2480.00*

CHARGE TO: *Flatiron Resources*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

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 \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_

PRINTED NAME \_\_\_\_\_  
 SIGNATURE *Bob Hill*

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources  
303 E. 17th Avenue  
Denver Co. 80203  
ATTN: Tim Priest

**Conner #14-27**

**28/18s/30w/ Lane KS**

Job Ticket: 43151

**DST#: 1**

Test Start: 2011.06.09 @ 15:48:15

## GENERAL INFORMATION:

Formation: "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:46:00

Time Test Ended: 21:58:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4222.00 ft (KB) To 4250.00 ft (KB) (TVD)**

Reference Elevations: 2880.00 ft (KB)

Total Depth: 4250.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6669 Outside**

Press @ Run Depth: 30.38 psig @ 4223.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.09

End Date:

2011.06.09

Last Calib.:

2011.06.09

Start Time:

15:48:15

End Time:

21:58:00

Time On Btm:

2011.06.09 @ 17:45:45

Time Off Btm:

2011.06.09 @ 20:17:00

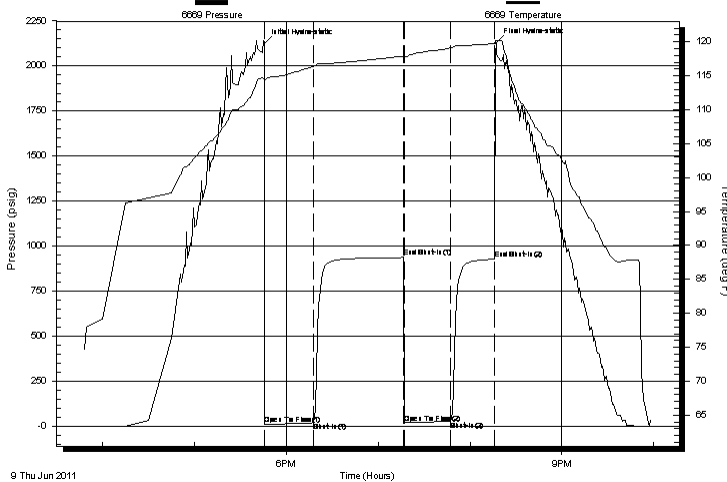
TEST COMMENT: IF: Buit to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2124.97	114.72	Initial Hydro-static
1	11.52	114.22	Open To Flow (1)
32	21.97	116.37	Shut-In(1)
91	938.90	117.89	End Shut-In(1)
92	22.10	117.50	Open To Flow (2)
122	30.38	119.11	Shut-In(2)
151	929.25	119.73	End Shut-In(2)
152	2127.83	120.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud with oil spots	0.10

## Gas Rates

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





**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources

**Conner #14-27**

303 E. 17th Avenue  
Denver Co. 80203

**28/18s/30w/ Lane KS**

Job Ticket: 43151

**DST#: 1**

ATTN: Tim Priest

Test Start: 2011.06.09 @ 15:48:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud w ith oil spots	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

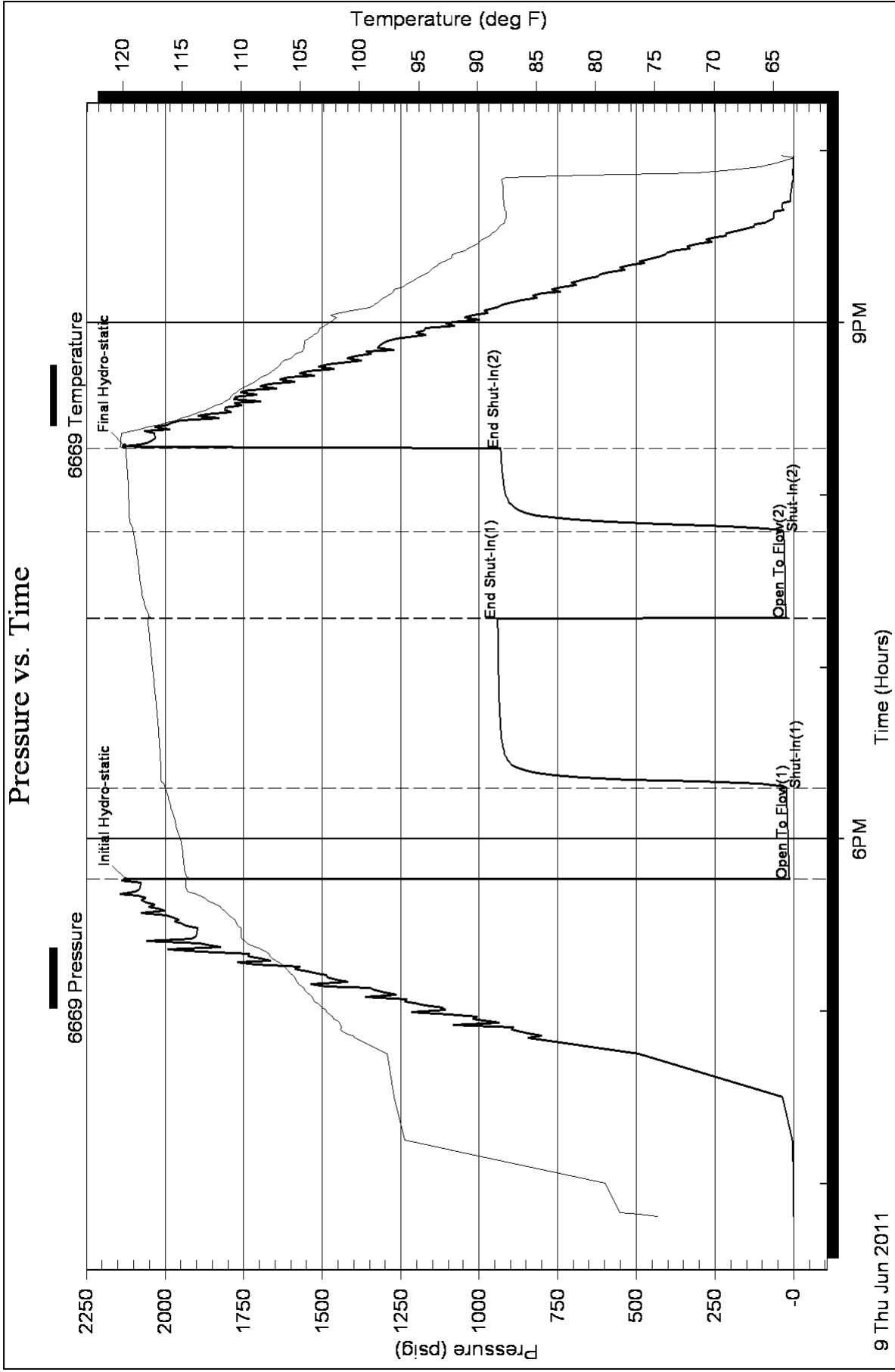
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources  
 303 E. 17th Avenue  
 Denver Co. 80203  
 ATTN: Tim Priest

**Conner #14-27**  
**28/18s/30w/ Lane KS**  
 Job Ticket: 45152 **DST#: 2**  
 Test Start: 2011.06.10 @ 09:42:15

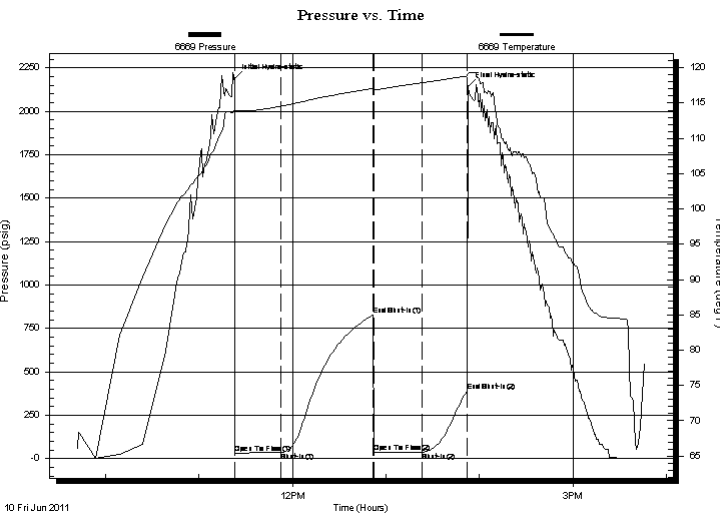
## GENERAL INFORMATION:

Formation: "L"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:23:00  
 Time Test Ended: 15:46:00  
 Interval: **4250.00 ft (KB) To 4300.00 ft (KB) (TVD)**  
 Total Depth: 4300.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Mike Roberts  
 Unit No: 48  
 Reference Elevations: 2880.00 ft (KB)  
 2875.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6669 Outside

Press @ Run Depth: 36.88 psig @ 4290.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.06.10 End Date: 2011.06.10 Last Calib.: 2011.06.10  
 Start Time: 09:42:15 End Time: 15:46:00 Time On Btm: 2011.06.10 @ 11:22:45  
 Time Off Btm: 2011.06.10 @ 13:52:45

TEST COMMENT: IF:Weak surface blow died in 18 min  
 IS:No return blow  
 FF:No blow  
 FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.37	114.12	Initial Hydro-static
1	33.42	113.88	Open To Flow (1)
30	34.48	114.57	Shut-In(1)
89	827.10	117.09	End Shut-In(1)
90	36.28	116.90	Open To Flow (2)
121	36.88	117.88	Shut-In(2)
150	391.49	118.85	End Shut-In(2)
150	2144.20	119.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud w ith oil spots	0.07

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Flatirons Resources  
303 E. 17th Avenue  
Denver Co. 80203  
ATTN: Tim Priest

**Conner #14-27**  
**28/18s/30w/ Lane KS**  
Job Ticket: 45152      **DST#: 2**  
Test Start: 2011.06.10 @ 09:42:15

**Mud and Cushion Information**

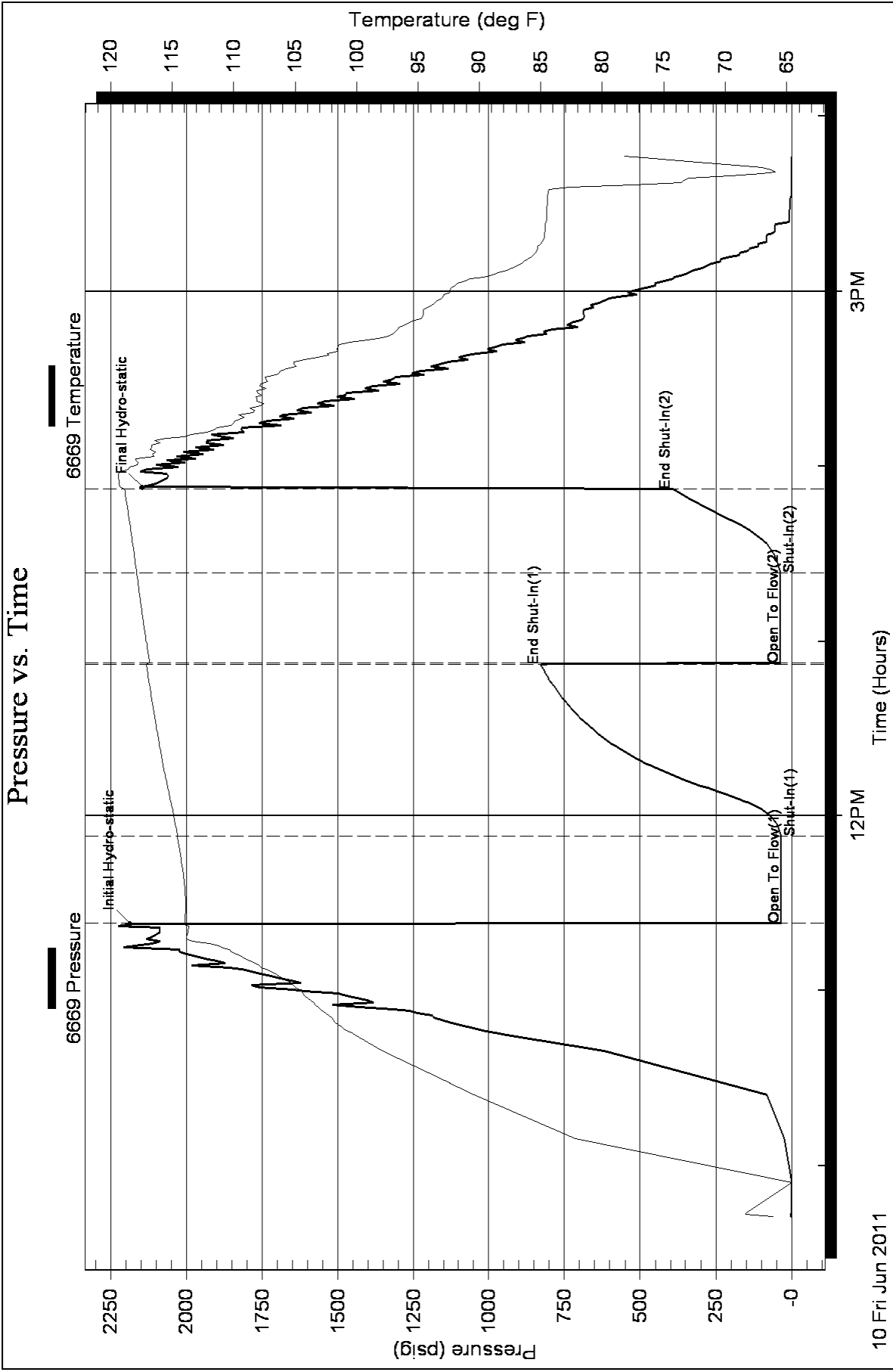
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	mud w ith oil spots	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources  
303 E. 17th Avenue  
Denver Co. 80203  
ATTN: Tim Priest

**Conner #14-27**

**28/18s/30w/ Lane KS**

Job Ticket: 43153

**DST#: 3**

Test Start: 2011.06.11 @ 15:24:15

## GENERAL INFORMATION:

Formation: **Marmaton-Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:14:00

Time Test Ended: 00:42:15

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4372.00 ft (KB) To 4445.00 ft (KB) (TVD)**

Reference Elevations: 2880.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6669 Outside**

Press @ Run Depth: 849.04 psig @ 4440.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.11

End Date:

2011.06.12

Last Calib.:

2011.06.12

Start Time: 15:24:15

End Time:

00:42:15

Time On Btm:

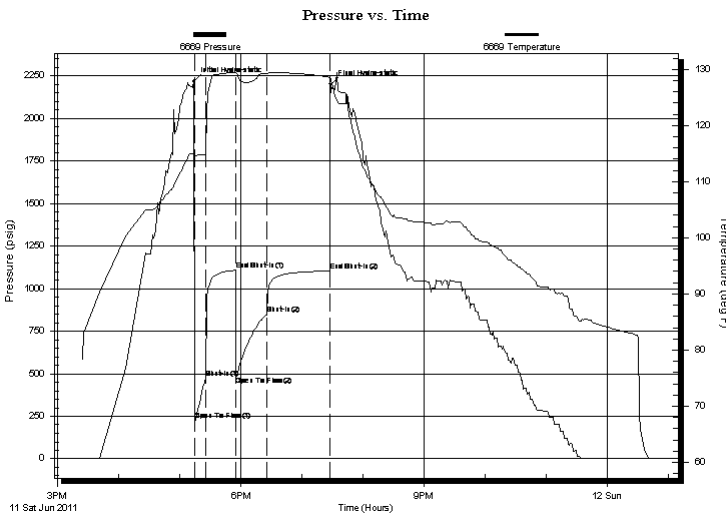
2011.06.11 @ 17:13:45

Time Off Btm:

2011.06.11 @ 19:27:45

**TEST COMMENT:** IF:BOB in 30 sec.  
IS:BOB in 15 min.  
FF:BOB in 30 sec.  
FS:BOB in 21 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.35	115.00	Initial Hydro-static
1	225.92	114.73	Open To Flow (1)
12	475.45	114.92	Shut-In(1)
41	1108.75	129.45	End Shut-In(1)
42	483.75	129.34	Open To Flow (2)
72	849.04	129.26	Shut-In(2)
134	1104.52	128.58	End Shut-In(2)
134	2201.31	128.12	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
144.00	ocgm 20%o 25%g 55%m	0.71
620.00	gcmo 20%g 10%m 70%o	8.70
372.00	gco 15%g 85%o	5.22
1302.00	gco 20%g 80%o	18.26
0.00	GIP=1054 feet	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources

**Conner #14-27**

303 E. 17th Avenue  
Denver Co. 80203

**28/18s/30w/ Lane KS**

Job Ticket: 43153

**DST#: 3**

ATTN: Tim Priest

Test Start: 2011.06.11 @ 15:24:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	ocgm 20%o 25%g 55%m	0.708
620.00	gcmo 20%g 10%m 70%o	8.697
372.00	gco 15%g 85%o	5.218
1302.00	gco 20%g 80%o	18.264
0.00	GIP=1054 feet	0.000

Total Length: 2438.00 ft      Total Volume: 32.887 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

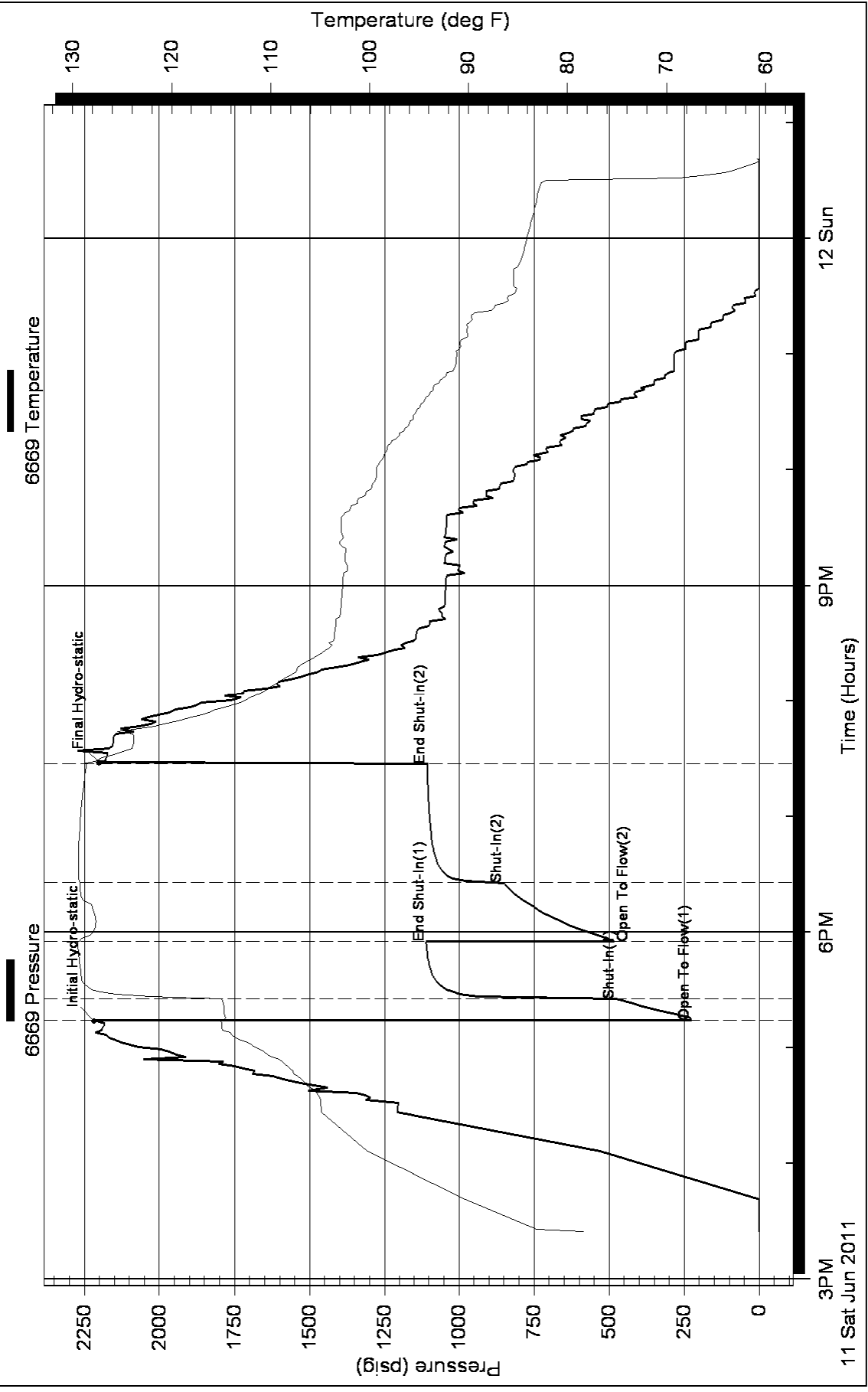
Serial #:

Laboratory Name:

Laboratory Location:

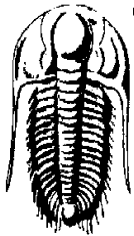
Recovery Comments: API= 32 @60

### Pressure vs. Time









**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources

**Conner #14-27**

303 E. 17th Avenue  
Denver Co. 80203

**28/18s/30w/ Lane KS**

Job Ticket: 43154

**DST#: 4**

ATTN: Tim Priest

Test Start: 2011.06.12 @ 12:49:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w ith oil spots	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

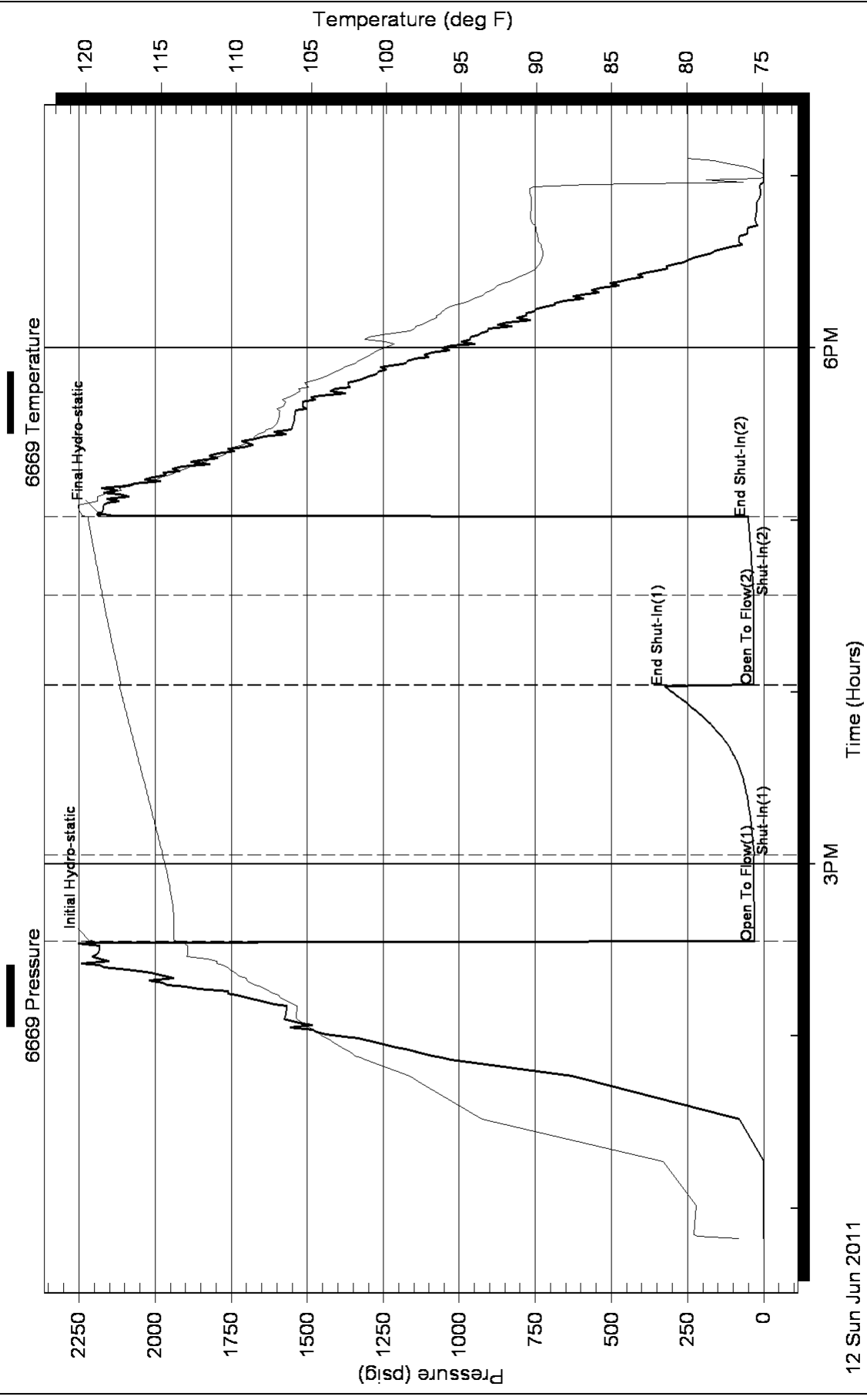
Serial #:

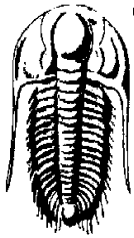
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Flatirons Resources  
303 E. 17th Avenue  
Denver Co. 80203  
ATTN: Tim Priest

**Conner #14-27**

**28/18s/30w/ Lane KS**

Job Ticket: 43155

**DST#: 5**

Test Start: 2011.06.13 @ 08:58:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:42:45

Time Test Ended: 16:19:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4504.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Reference Elevations: 2880.00 ft (KB)

Total Depth: 4550.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 6669 Outside**

Press @ Run Depth: 60.45 psig @ 4540.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.13

End Date: 2011.06.13

Last Calib.: 2011.06.13

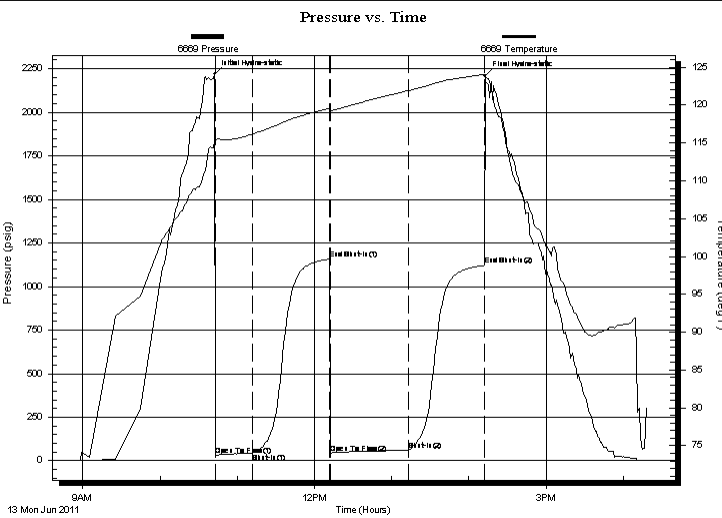
Start Time: 08:58:15

End Time: 16:19:00

Time On Btm: 2011.06.13 @ 10:42:30

Time Off Btm: 2011.06.13 @ 14:12:45

**TEST COMMENT:** IF: Built to 2" blow  
IS: No return blow  
FF: Built to 4" blow  
FS: No return blow



## PRESSURE SUMMARY

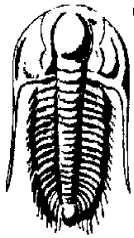
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.62	115.37	Initial Hydro-static
1	30.87	115.19	Open To Flow (1)
30	43.25	116.18	Shut-In(1)
90	1157.30	119.59	End Shut-In(1)
90	45.60	119.33	Open To Flow (2)
151	60.45	121.89	Shut-In(2)
210	1121.17	124.04	End Shut-In(2)
211	2208.25	123.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	gcmo10%g 40%m 50%o	0.61
0.00	GIP= 124 feet	0.00

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Flatirons Resources

**Conner #14-27**

303 E. 17th Avenue  
Denver Co. 80203

**28/18s/30w/ Lane KS**

Job Ticket: 43155

**DST#: 5**

ATTN: Tim Priest

Test Start: 2011.06.13 @ 08:58:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	gcmo10%g 40%m 50%o	0.610
0.00	GIP= 124 feet	0.000

Total Length: 124.00 ft      Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

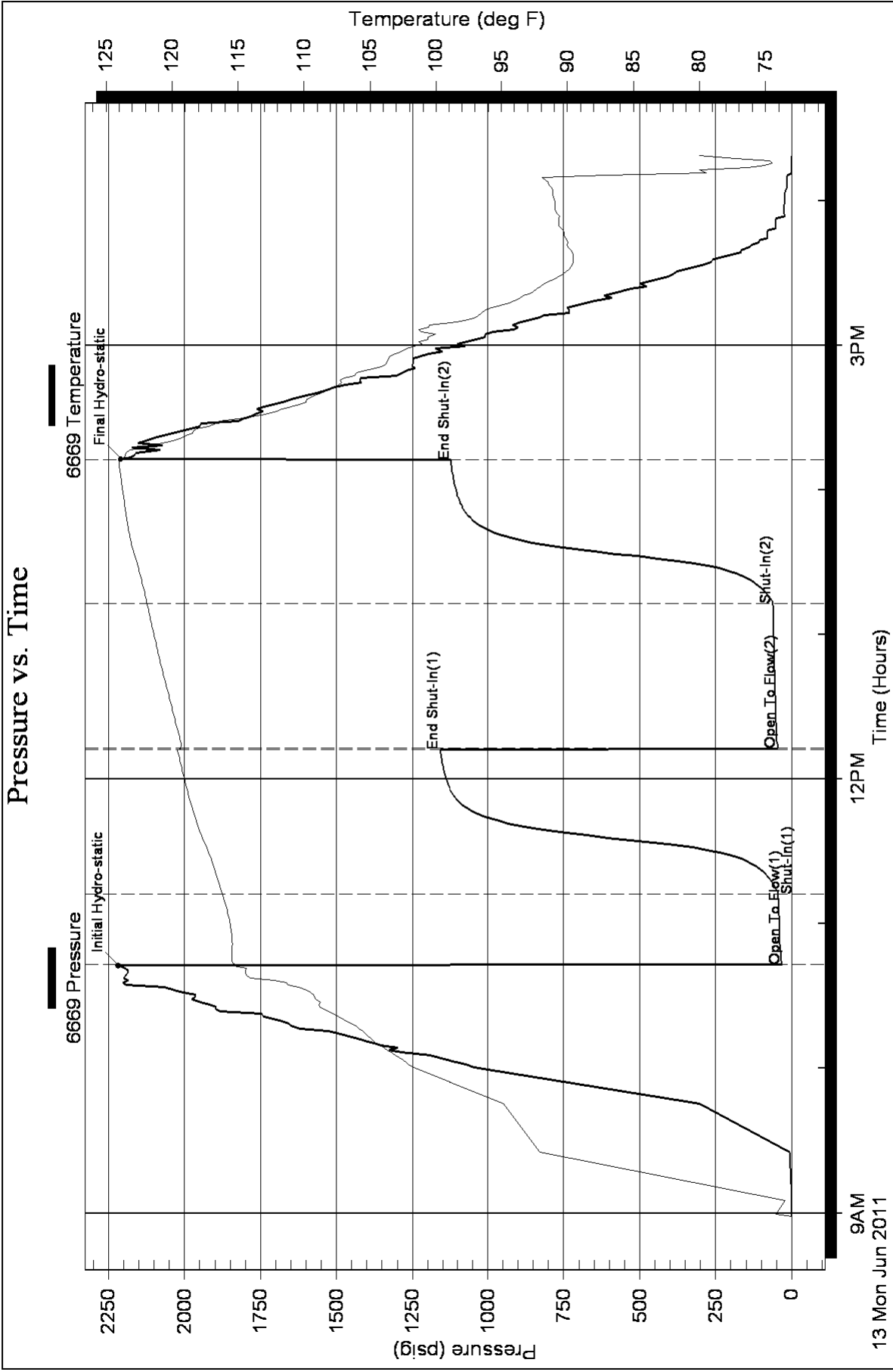
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 01, 2011

John Marvin  
Flatirons Resources LLC  
303 E 17TH AVE STE 940  
DENVER, CO 80203

Re: ACO1  
API 15-101-22294-00-00  
Conner 14-27  
SW/4 Sec.27-18S-30W  
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
John Marvin