



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153018
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1153018

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Church Unit 21-14
Doc ID	1153018

All Electric Logs Run

CPI
Dual Induction
Dual Compensated Porosity
Microresistivity

Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Church Unit 21-14
Doc ID	1153018

Tops

Name	Top	Datum
Anhydrite - top	1997	589
Anhydrite - base	2032	554
Topeka	3529	-943
Heebner	3763	-1177
Toronto	3782	-1196
Lansing	3802	-1216
Base/ Kansas City	4125	-1539
Marmaton	4151	-1565
Pawnee	4269	-1683
Ft Scott	4302	-1716
Cherokee Shale	4325	-1739
Mississippian	4453	-1867
TD	4670	

ALLIED OIL & GAS SERVICES, LLC 060506

Corrected

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend 10

DATE <i>6-1-13</i>	SEC <i>21</i>	TWP <i>16</i>	RANGE <i>23</i>	CALLED OUT	ON LOCATION	JOB START <i>9:50 AM</i>	JOB FINISH <i>10:02 PM</i>
LEASE <i>Church unit</i>		WELL # <i>21-14</i>		LOCATION <i>Pearlina 3W to Permian ed 2N</i>		COUNTY <i>Laine</i>	STATE <i>KS</i>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<i>U into</i>			

CONTRACTOR *H.D. Drilling*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/2* T.D. *772*

CASING SIZE *05 1/2* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER *Flat Iron*

CEMENT AMOUNT ORDERED *150 Class A 3 1/2 cc*

2 1/2 gel

COMMON	<i>150</i>	@ <i>17.90</i>	<i>2,685.00</i>
POZMIX		@	
GEL	<i>3</i>	@ <i>23.40</i>	<i>70.20</i>
CHLORIDE	<i>5</i>	@ <i>64.00</i>	<i>320.00</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>162.09</i>	@ <i>2.48</i>	<i>401.98</i>
MILEAGE	<i>7.4 x 45 x</i>	<i>2.60</i>	<i>865.80</i>
TOTAL			<i>4,342.98</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Josh Isaac*

306 HELPER *Charols Keyon*

BULK TRUCK

610 DRIVER *Tim Dickson*

BULK TRUCK

DRIVER

REMARKS:

Run 8 1/2 pipe

Circulate w/ Rig mud

Pump cement

Displace 13.24 bbls

Cement did circulate

Rig down

CHARGE TO: *Flat Iron*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *Hum 45* @ *7.70* *346.50*

MANIFOLD @

Hum 45 @ *4.40* *198.00*

TOTAL *2,056.75*

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

To: Allied Oil & Gas Services, LLC.

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

PRINTED NAME *X LEWATNE TRESNER*

SIGNATURE *X Lewatne Tresner*

Thank you!!

SALES TAX (if Any) _____

TOTAL CHARGES *6,399.73*

~~*+ 279.94*~~ - *2011.25*

DISCOUNT _____ IF PAID IN 30 DAYS

5,119.78 4388.48

BID SHEET



Date	6/10/13
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 37
	Oshtemo, KS 67744
Business Phone	785-677-4457
E-mail	terry.heinrich@alliedoil.com
Mobile	785-677-4457

Company	Radross Resources LLC	Prepared For:	John Marvin	Well Data			
Address	303 E. 37th Ave # 540	Title:	Managing Director	Open Hole	12 1/4	Depth	200
Address	Danvers Co. 80203	Business Phone:	303-297-3502			I.D.	32-25
Well Name		E-mail:	johnmarv@radross.com			Job Ext:sc	100
Lessee		Mobile Phone:	303-244-9991	Casey Size	6 5/8	Depth	200
Field		Prepared By:	Neal Rapp			O.D.	6.6075
County	Lane	Title:	Sales & Field Operations Mgr.			I.D.	7.235
State	Kansas	Business Phone:	316-260-3348			Casing Weight	24
Section		E-mail:	nealr@radross.com			Thread	STC
Township		Mobile Phone:	316-250-7057			Grade	1-55
Range		Rd Contractor					
API Number		Rig Name					
Proposal Title:	Surface Casing	Rig Phone					

	Units	UOM	Cost per Unit	Total	Unit Net	Net
CMAN - Casing Pump Charge 0 to 300'	3.00	(for 6 hours)	\$1,512.25	\$ 4,536.75	\$ 3,024.50	\$1,512.25
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 1,512.25	\$ 4,536.75	\$ 3,024.50	\$1,512.25
Wooden Plug	1.00	Each	\$107.64	\$ 107.64	\$ 75.35	\$75.35
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 107.64	\$ 107.64	\$ 75.35	\$75.35
CAC - CLASS A COMMON	130.00	per sack	\$17.90	\$ 2,327.00	\$ 17.53	\$2,292.00
CAC - Calcium Chloride	5.00	per sack	\$64.00	\$ 320.00	\$ 44.80	\$275.20
PGEL - Premium Gel (Bentonite)	3.00	per sack	\$23.40	\$ 70.20	\$ 16.38	\$53.82
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 2,747.20	\$ 2,747.20	\$ 2,166.48	\$580.72
MDLG - Products handling service charge	342.00	per cu. ft.	\$2.48	\$ 848.16	\$ 1.74	\$734.42
DRYG - Drypes for products	292.50	ton mile	\$2.60	\$ 760.50	\$ 1.82	\$578.68
MLV - Light Vehicle Mileage	45.00	per mile	\$4.40	\$ 198.00	\$ 3.08	\$167.92
MHV - Heavy Vehicle Mileage	45.00	per mile	\$7.70	\$ 346.50	\$ 5.29	\$290.21
Subtotal			\$ 1,639.16	\$ 1,639.16	\$ 1,166.61	\$472.55
CAHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$82.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal			\$ 275.00	\$ 275.00	\$ 192.50	\$82.50
Totals:			\$ 6,289.25	\$ 6,289.25	\$ 4,388.44	\$1,900.81
DISCOUNT: Operations			30.0%	(1,886.78)		
DISCOUNT: Equipment Sales			30.0%	(1,886.78)		
DISCOUNT: Products			30.0%	(1,886.78)		
DISCOUNT: Transport			30.0%	(1,886.78)		
DISCOUNT: OTHER			30.0%	(1,886.78)		
			Total	(1,900.78)		

BID SHEET



Date	6/10/13
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27
	Oaklev, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
Mobile	785-672-5376

Company	Flatiron Resources LLC	Prepared For:	John Marvin	Well Data			
Address	303 E. 17th AVE., #940	Title:	Managing Director	Open Hole	77/8	Depth	4600
Address	Denver Co: 80203	Business Phone:	303-292-3902			I.D.	7.875
Well Name		E-mail:	johnm@flatironllc.com			Job Excess	25
Lease		Mobile Phone:	303-241-9391	Casing Size	6 1/2	Depth	4600
Field		Prepared By:	Neal Rupp			O.D.	5.5
County	Lane	Title:	Sales & Field Operations Mang.			I.D.	5.012
State	Kansas	Business Phone:	316-260-3368			Casing Weight	14
Section		E-mail:	nealrupp@alliedservices.com			Thread	STC
Township		Mobile Phone:	316-250-7057			Grade	1-55
Range		Rig Contractor	H D Drilling				
API Number		Rig Name					
Proposal Title:	Two-Stage Production	Rig Phone					

	Units	UOM	Cost per		Unit	
			Unit	Total	Net	Net
CI50 - Casing Pump Charge 4001' to 5000'	1.00	(for 6 hours)	\$3,099.25	\$ 3,099.25	\$ 2,169.48	\$2,169.48
APTM - Additional Pump Time, In excess of set ho	1.00	per hour	\$2,406.25	\$ 2,406.25	\$ 1,634.38	\$1,634.38
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,505.50		\$3,853.85
Float Shoe	1.00	Each	\$431.80	\$ 431.80	\$ 302.26	\$302.26
Latch Down Plug	1.00	Each	\$558.25	\$ 558.25	\$ 390.78	\$390.78
Stage Collar	1.00	Each	\$5,335.26	\$ 5,335.26	\$ 3,734.68	\$3,734.68
Cement Basket	3.00	Each	\$237.79	\$ 713.37	\$ 166.45	\$499.36
Centralizer	9.00	Each	\$41.10	\$ 369.90	\$ 28.77	\$258.93
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 7,408.58		\$5,186.01
CAC - CLASS A COMMON	150.00	per sack	\$17.90	\$ 2,685.00	\$ 12.53	\$1,879.50
ALC2A - ALLIED LT. WT. CMT. -TYPE 1-CLASS A	480.00	per sack	\$16.50	\$ 7,920.00	\$ 11.55	\$5,544.00
FLSL - Flo Seal	240.00	per pound	\$2.97	\$ 712.80	\$ 2.08	\$498.96
GILS - Gilsontite	3150.00	per pound	\$0.98	\$ 3,087.00	\$ 0.69	\$2,160.90
PGEL - Premium Gel (Bentonite)	3.00	per sack	\$23.40	\$ 70.20	\$ 16.38	\$49.14
NACL - Salt (100 wt. sk.)	8.00	per sack	\$26.35	\$ 210.80	\$ 18.45	\$147.56
SPFL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 41.09	\$493.08
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 15,390.20		\$10,773.14
HDLG - Products handling service charge	767.00	per cu. Ft.	\$2.48	\$ 1,902.16	\$ 1.74	\$1,331.51
DRYG - Drayage for products	1413.00	ton mile	\$2.60	\$ 3,673.80	\$ 1.82	\$2,571.66
MILV - Light Vehicle Mileage	45.00	per mile	\$4.40	\$ 198.00	\$ 3.08	\$138.60
MHV - Heavy Vehicle Mileage	45.00	per mile	\$7.70	\$ 346.50	\$ 5.39	\$242.55
Subtotal				\$ 6,120.46		\$4,284.32
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$192.50
Totals:				\$ 34,699.74		\$24,289.82
DISCOUNT: Operations			30.0%	(1,651.65)		
DISCOUNT: Equipment Sales			30.0%	(2,222.57)		
DISCOUNT: Products			30.0%	(4,617.06)		
DISCOUNT: Transport			30.0%	(1,836.14)		
DISCOUNT: OTHER			30.0%	(82.50)		
			Total	(10,409.92)		

BID SHEET



Date	6/10/13
Service Point:	Oakley
Manager	Terry Heinrich
Address	P.O. Box 27 Oakley, KS 67748
Business Phone	785-672-3452
E-mail	terry.heinrich@allied.com
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Address	Denver Co. 80203	Business Phone:	303-292-3902			I.D.	7.875
Well Name		E-mail:	johnm@flatronslc.com			Job Excess	25
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Field		Prepared By:	Neal Rupp			O.D.	5.5
County	Lane	Title:	Sales & Field Operations Mang.			I.D.	5.012
State	Kansas	Business Phone:	316-260-3368			Casing Weight	14
Section		E-mail:	neal.rupp@alliedservices.com			Thread	51C
Township		Mobile Phone:	316-250-7057			Grade	J 55
Range		Rlg Contractor	H D Drilling				
API Number		Rlg Name					
Proposal Title:	Two-Stage Production	Rlg Phone					

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					Net	Net
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APTM - Additional Pump Time, in excess of set ho	1.00	per hour	\$2,406.25	\$ 2,406.25	\$ 1,684.38	\$1,684.38
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 5,505.50		\$3,853.85
Float Shoe	1.00	Each	\$431.80	\$ 431.80	\$ 302.26	\$302.26
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	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
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SPFL - Super Flush	12.00	per bbl	\$58.70	\$ 704.40	\$ 41.09	\$493.08
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 15,390.20		\$10,773.14
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Subtotal				\$ 6,120.46		\$4,284.32
CMHD - Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 275.00		\$192.50
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DISCOUNT: Equipment Sales			30.0%	(2,222.57)		
DISCOUNT: Products			30.0%	(4,617.06)		
DISCOUNT: Transport			30.0%	(1,836.14)		
DISCOUNT: OTHER			30.0%	(82.50)		
			Total	(10,409.92)		



DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Denver CO 80203

ATTN: Clayton Erickson

Church Unit #21-14

14-16s-28w Lane,KS

Start Date: 2013.06.07 @ 01:20:00

End Date: 2013.06.07 @ 08:26:15

Job Ticket #: 53075 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.12 @ 11:54:51



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

ATTN: Clayton Erickson

Job Ticket: 53075

DST#: 1

Test Start: 2013.06.07 @ 01:20:00

GENERAL INFORMATION:

Formation: **Kansas City " I & J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:22:30

Time Test Ended: 08:26:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: **3993.00 ft (KB) To 4060.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4060.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 120.91 psig @ 3994.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.07

End Date:

2013.06.07

Last Calib.:

2013.06.07

Start Time:

01:20:15

End Time:

08:26:15

Time On Btm:

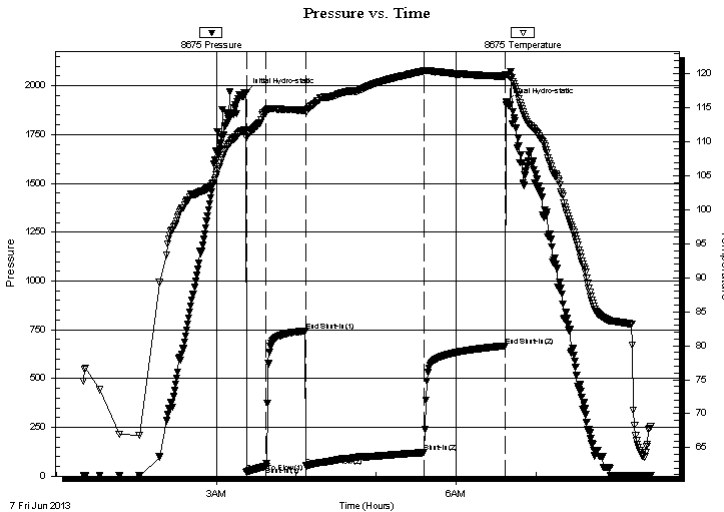
2013.06.07 @ 03:22:15

Time Off Btm:

2013.06.07 @ 06:37:45

TEST COMMENT: Built to 3 1/4" blow
No return blow
Built to 8" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1966.69	111.77	Initial Hydro-static
1	20.94	110.63	Open To Flow (1)
15	50.79	114.49	Shut-In(1)
45	743.64	114.67	End Shut-In(1)
46	52.04	114.38	Open To Flow (2)
134	120.91	120.46	Shut-In(2)
195	667.69	119.69	End Shut-In(2)
196	1915.96	119.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
153.00	100% Water	0.80
62.00	w cm 10% W 90%M	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53075

DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.06.07 @ 01:20:00

Tool Information

Drill Pipe:	Length: 3824.56 ft	Diameter: 3.80 inches	Volume: 53.65 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: 30000.00 lb
Drill Collar:	Length: 147.37 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 71000.00 lb
			<u>Total Volume: 54.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.43 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3993.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	94.50 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			3966.50	
Shut In Tool	5.00			3971.50	
Hydraulic tool	5.00			3976.50	
Jars	5.00			3981.50	
Safety Joint	2.50			3984.00	
Packer	5.00			3989.00	27.50 Bottom Of Top Packer
Packer	4.00			3993.00	
Stubb	1.00			3994.00	
Recorder	0.00	8675	Inside	3994.00	
Recorder	0.00	8650	Outside	3994.00	
Perforations	30.00			4024.00	
Change Over Sub	1.00			4025.00	
Drill Pipe	31.00			4056.00	
Change Over Sub	1.00			4057.00	
Bullnose	3.00			4060.00	67.00 Bottom Packers & Anchor

Total Tool Length: 94.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53075

DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.06.07 @ 01:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
153.00	100% Water	0.804
62.00	w cm 10% W 90%M	0.870

Total Length: 215.00 ft Total Volume: 1.674 bbl

Num Fluid Samples: 0

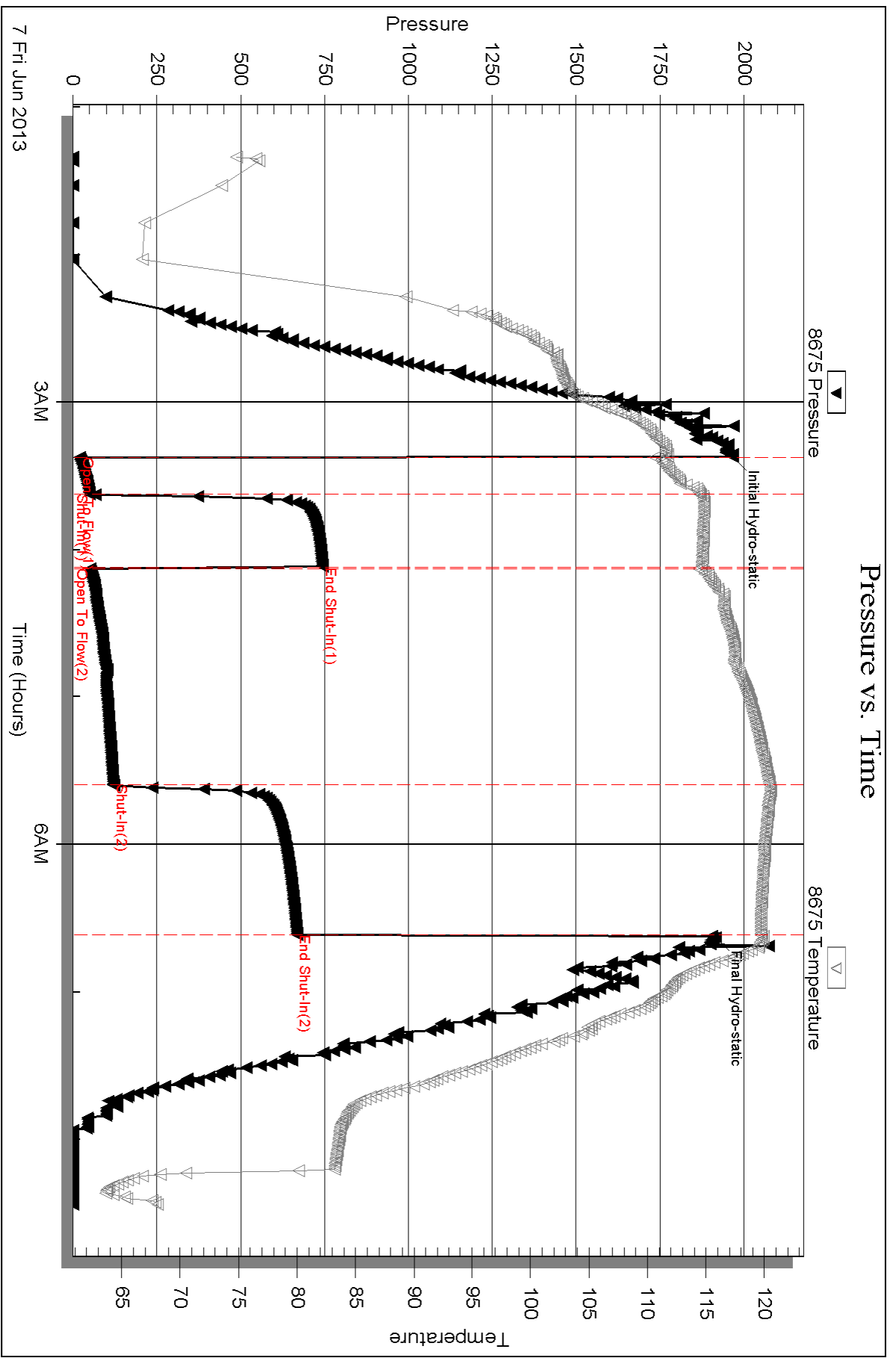
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .20 @ 60 F = 40,000

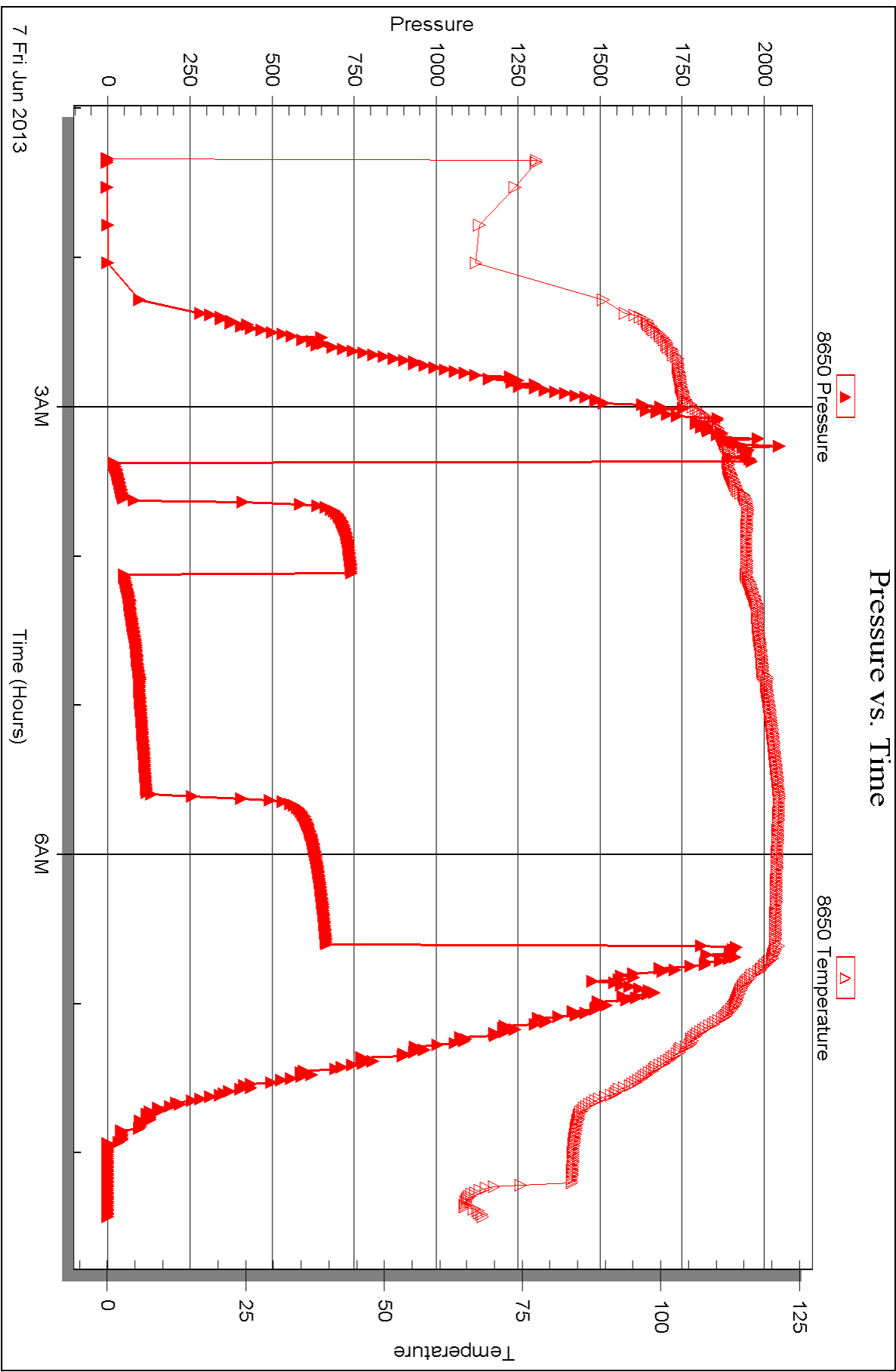


Serial #: 8650

Outside Flatirons Resources LLC

Church Unit #21-14

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Denver CO 80203

ATTN: Clayton Erickson

Church Unit #21-14

14-16s-28w Lane,KS

Start Date: 2013.06.08 @ 17:20:00

End Date: 2013.06.09 @ 00:03:15

Job Ticket #: 53076 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.12 @ 11:54:13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

ATTN: Clayton Erickson

Job Ticket: 53076

DST#: 2

Test Start: 2013.06.08 @ 17:20:00

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:37:15

Time Test Ended: 00:03:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: **4289.00 ft (KB) To 4334.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4334.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 133.16 psig @ 4290.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.08

End Date:

2013.06.09

Last Calib.:

2013.06.09

Start Time:

17:20:15

End Time:

00:03:15

Time On Btm:

2013.06.08 @ 19:37:00

Time Off Btm:

2013.06.08 @ 21:52:45

TEST COMMENT:

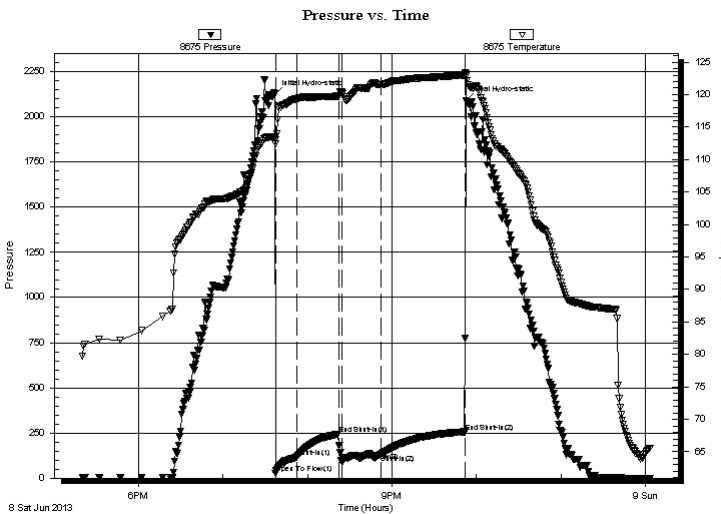
B.O.B. in 15 min.

Bled off for 5 min. No return blow

B.O.B. in 5 min.

Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.24	113.56	Initial Hydro-static
1	26.94	112.47	Open To Flow (1)
16	114.82	119.32	Shut-In(1)
45	243.39	119.77	End Shut-In(1)
48	91.99	120.34	Open To Flow (2)
76	133.16	121.52	Shut-In(2)
135	256.72	123.00	End Shut-In(2)
136	2089.55	122.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcco 30%M 30%M 40%O	0.61
62.00	gcom 20%G 20%O 60%M	0.66
114.00	gcom 10%G 10%O 80%M	1.60
0.00	800 Feet Weak Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53076

DST#: 2

ATTN: Clayton Erickson

Test Start: 2013.06.08 @ 17:20:00

Tool Information

Drill Pipe:	Length: 4139.28 ft	Diameter: 3.80 inches	Volume: 58.06 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: 30000.00 lb
Drill Collar:	Length: 147.37 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 58.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.15 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4289.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	72.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4262.50	
Shut In Tool	5.00			4267.50	
Hydraulic tool	5.00			4272.50	
Jars	5.00			4277.50	
Safety Joint	2.50			4280.00	
Packer	5.00			4285.00	27.50 Bottom Of Top Packer
Packer	4.00			4289.00	
Stubb	1.00			4290.00	
Recorder	0.00	8675	Inside	4290.00	
Recorder	0.00	8650	Outside	4290.00	
Perforations	8.00			4298.00	
Change Over Sub	1.00			4299.00	
Drill Pipe	31.00			4330.00	
Change Over Sub	1.00			4331.00	
Bullnose	3.00			4334.00	45.00 Bottom Packers & Anchor

Total Tool Length: 72.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53076

DST#: 2

ATTN: Clayton Erickson

Test Start: 2013.06.08 @ 17:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	mcgo 30%M 30%M 40%O	0.610
62.00	gcom 20%G 20%O 60%M	0.657
114.00	gcom 10%G 10%O 80%M	1.599
0.00	800 Feet Weak Gas In Pipe	0.000

Total Length: 300.00 ft

Total Volume: 2.866 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

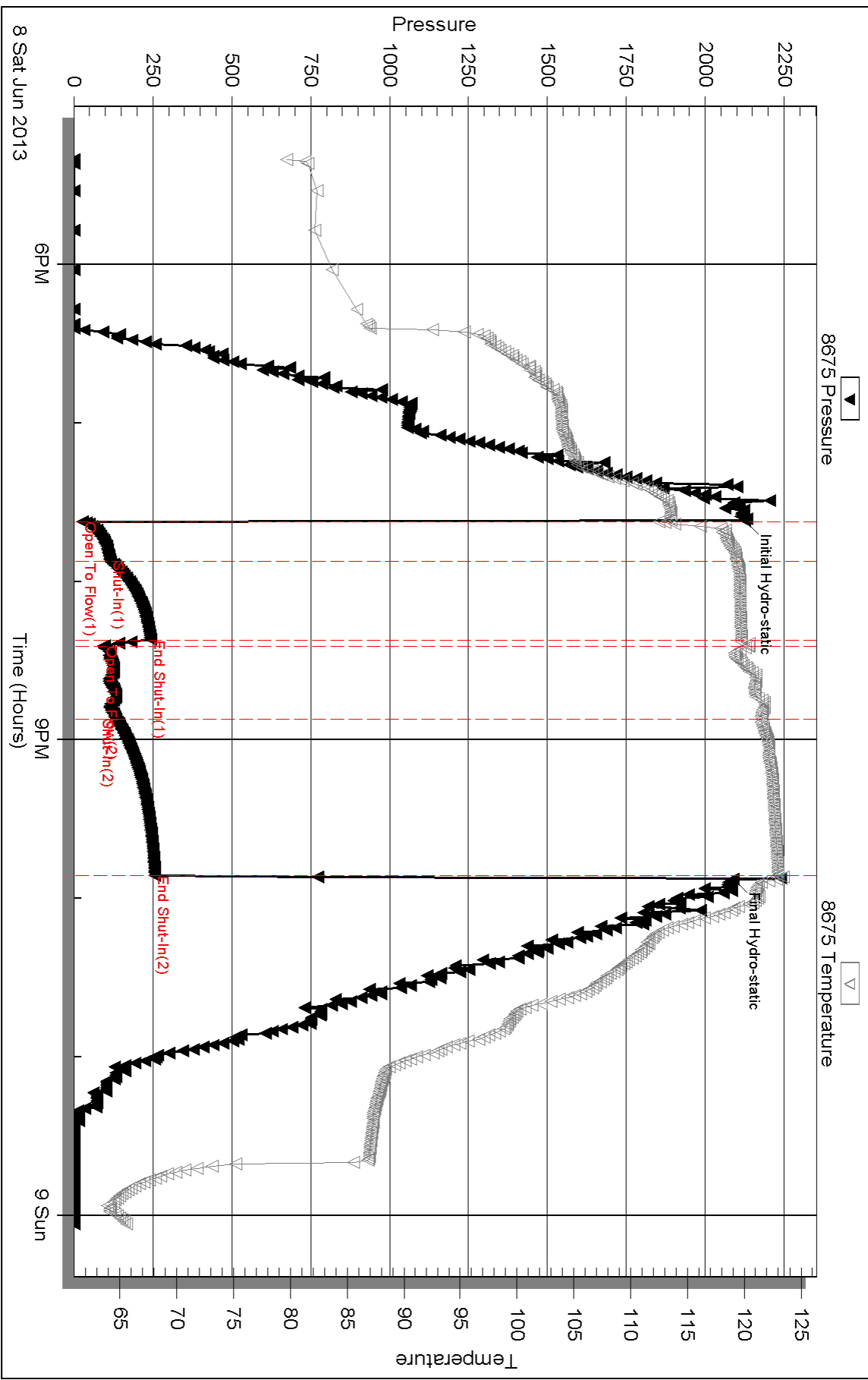
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Denver CO 80203

ATTN: Clayton Erickson

Church Unit #21-14

14-16s-28w Lane,KS

Start Date: 2013.06.09 @ 13:20:00

End Date: 2013.06.09 @ 18:25:45

Job Ticket #: 53077 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.06.12 @ 11:53:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

ATTN: Clayton Erickson

Job Ticket: 53077

DST#: 3

Test Start: 2013.06.09 @ 13:20:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:15:15

Time Test Ended: 18:25:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: **4357.00 ft (KB) To 4405.00 ft (KB) (TVD)**

Reference Elevations: 2586.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

2579.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **8675** Inside

Press @ Run Depth: 20.53 psig @ 4358.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.09

End Date: 2013.06.09

Last Calib.: 2013.06.09

Start Time: 13:20:15

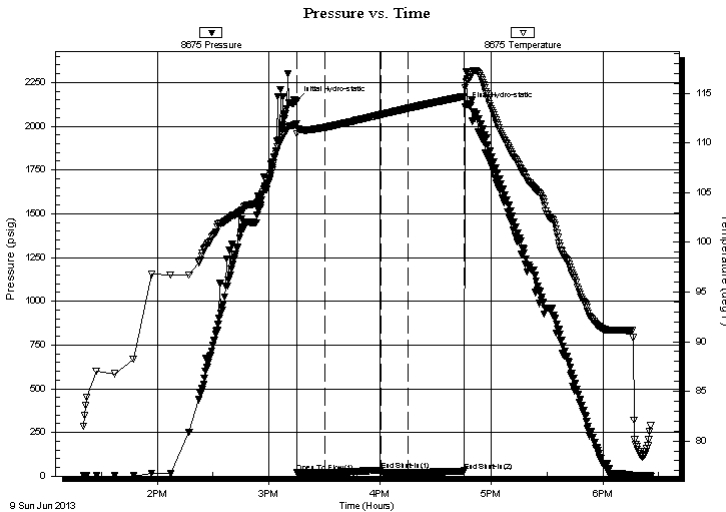
End Time: 18:25:45

Time On Btm: 2013.06.09 @ 15:15:00

Time Off Btm: 2013.06.09 @ 16:45:45

TEST COMMENT: Built to 1/4" blow
No return blow
No blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.18	111.92	Initial Hydro-static
1	19.30	110.95	Open To Flow (1)
16	19.83	111.58	Shut-In(1)
46	34.76	112.86	End Shut-In(1)
46	19.92	112.86	Open To Flow (2)
60	20.53	113.50	Shut-In(2)
91	29.26	114.71	End Shut-In(2)
91	2113.70	115.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud with oil scum	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53077

DST#: 3

ATTN: Clayton Erickson

Test Start: 2013.06.09 @ 13:20:00

Tool Information

Drill Pipe:	Length: 4202.01 ft	Diameter: 3.80 inches	Volume: 58.94 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: 30000.00 lb
Drill Collar:	Length: 147.37 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 59.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.88 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4357.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.50 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			4330.50	
Shut In Tool	5.00			4335.50	
Hydraulic tool	5.00			4340.50	
Jars	5.00			4345.50	
Safety Joint	2.50			4348.00	
Packer	5.00			4353.00	27.50 Bottom Of Top Packer
Packer	4.00			4357.00	
Stubb	1.00			4358.00	
Recorder	0.00	8675	Inside	4358.00	
Recorder	0.00	8650	Outside	4358.00	
Perforations	11.00			4369.00	
Change Over Sub	1.00			4370.00	
Drill Pipe	31.00			4401.00	
Change Over Sub	1.00			4402.00	
Bullnose	3.00			4405.00	48.00 Bottom Packers & Anchor

Total Tool Length: 75.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC

14-16s-28w Lane, KS

303 E 17th Ave
Denver CO 80203

Church Unit #21-14

Job Ticket: 53077

DST#: 3

ATTN: Clayton Erickson

Test Start: 2013.06.09 @ 13:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud with oil scum	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:

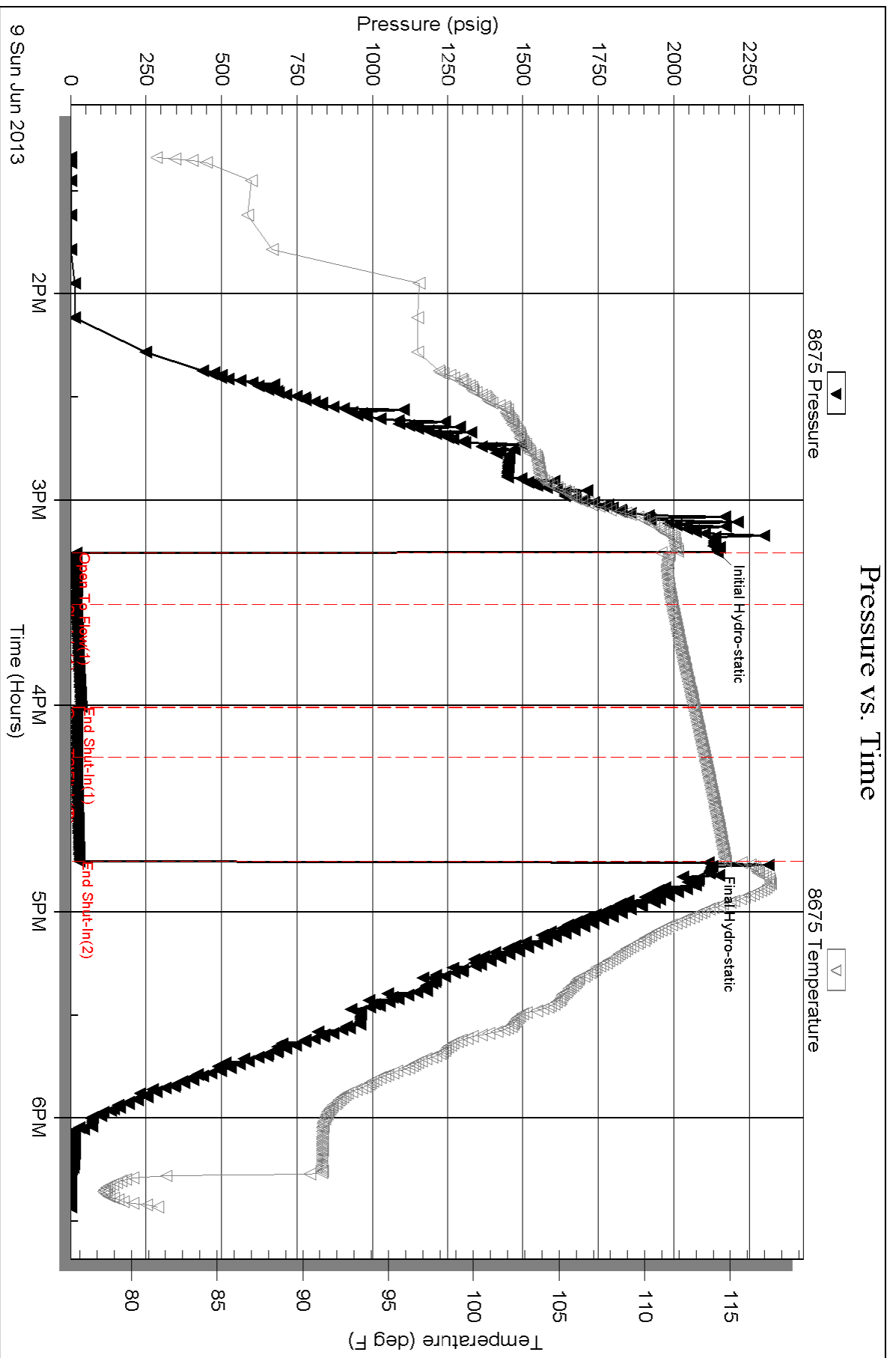
Serial #: 8675

Inside

Flatirons Resources LLC

Church Unit #21-14

DST Test Number: 3

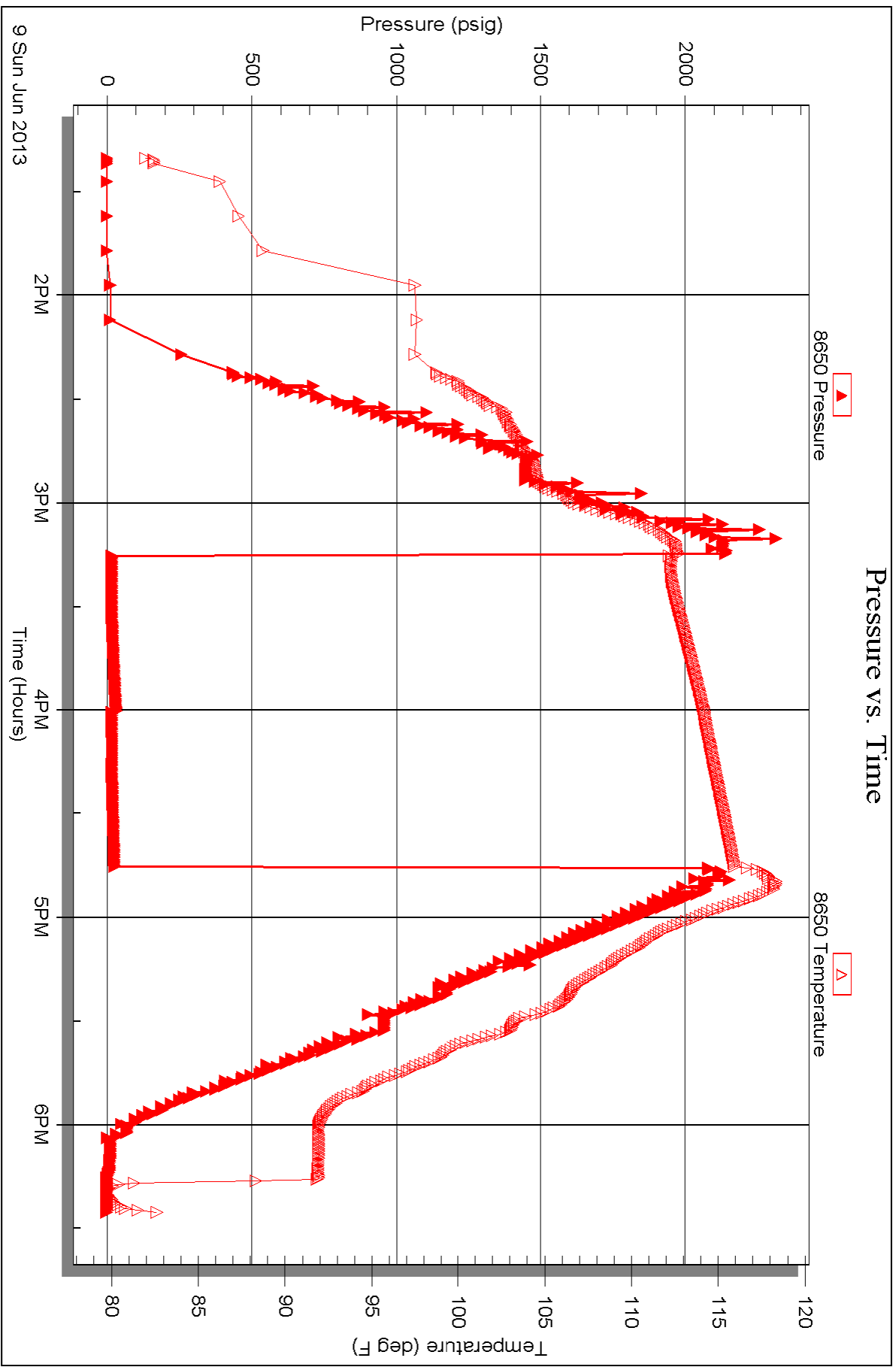


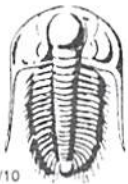
Serial #: 8650

Outside Flatirons Resources LLC

Church Unit #21-14

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53075

Well Name & No. Church Mart 21-14 Test No. 1 Date 6/7/13
 Company Flatirons Resources LLC Elevation 2596 KB 2579 GL
 Address 303 E 12th AVE STE 940, DENVER CO, 80203
 Co. Rep / Geo. Clayton Erickson Rig HD Rig 3
 Location: Sec. 14 Twp. 16S Rge. 28W Co. Lane Co. State KS

Interval Tested 3993 - 4060 Zone Tested Kansas City "I JS"
 Anchor Length 67 Drill Pipe Run 3824.56 Mud Wt. 9.2
 Top Packer Depth 3989 Drill Collars Run 147.37 Vis 52
 Bottom Packer Depth 3993 Wt. Pipe Run _____ WL 5.6
 Total Depth 4060 Chlorides 1,900 ppm System LCM 2#

Blow Description Built to 3 1/4" below
No return below
Built to 8" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>WCM</u>		<u>10</u>	<u>90</u>	
<u>153</u>	<u>100% W</u>		<u>100</u>		
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 215 BHT 120 Gravity _____ API RW .20 @ 65 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic 1,967 Test 1250 T-On Location 23:55
 (B) First Initial Flow 21 Jars 250 T-Started 01:20
 (C) First Final Flow 51 Safety Joint 75 T-Open 03:22
 (D) Initial Shut-In 744 Circ Sub N/C T-Pulled 06:37
 (E) Second Initial Flow 52 Hourly Standby _____ T-Out 08:26
 (F) Second Final Flow 121 Mileage 90 RT 139.50
 (G) Final Shut-In 668 Sampler _____
 (H) Final Hydrostatic 1,916 Straddle _____

Initial Open 15 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 90 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Sub Total 1714.50 Accessibility _____
 Total 1714.50 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53076

Well Name & No. Church Unit 21-14 Test No. 2 Date 6/18/13
 Company Flatirons Resources LLC Elevation 2586 KB 2579 GL
 Address 303 E 17th Ave 940 Denver CO. 80203
 Co. Rep / Geo. Clayton Erickson Rig HO Rig 3
 Location: Sec. 14 Twp. 16S Rge. 28W Co. Lane Co. State KS

Interval Tested 4289 - 4334 Zone Tested Fort Scott
 Anchor Length 45 Drill Pipe Run 4139.28 Mud Wt. 9.35
 Top Packer Depth 4285 Drill Collars Run 147.37 Vis 54
 Bottom Packer Depth 4289 Wt. Pipe Run _____ WL 6.4
 Total Depth 4334 Chlorides 2100 ppm System LCM 2#

Blow Description B.O.D. Bo in 15 min.
Bled off for 5 min. No return below
B.O.D. Bo in 5 min.

Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>800 Feet weak casing pipe</u>				
<u>114</u>	<u>GCOM</u>	<u>10</u>	<u>10</u>	<u>80</u>	<u>80</u>
<u>62</u>	<u>GCOM</u>	<u>20</u>	<u>20</u>	<u>60</u>	<u>60</u>
<u>124</u>	<u>MCGO</u>	<u>30</u>	<u>40</u>	<u>30</u>	<u>30</u>
Rec	Feet of	%gas	%oil	%water	%mud

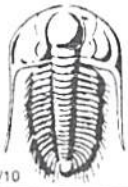
Rec Total 300 BHT 123 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2,125 Test 1250 T-On Location 16:35
 (B) First Initial Flow 27 Jars 250 T-Started 17:20
 (C) First Final Flow 115 Safety Joint 75 T-Open 19:37
 (D) Initial Shut-In 243 Circ Sub N/C T-Pulled 21:52
 (E) Second Initial Flow 92 Hourly Standby 8hrs over 24 hours T-Out 00:03
 (F) Second Final Flow 133 Mileage 90 RT 139.50 Comments _____
 (G) Final Shut-In 257 Sampler _____
 (H) Final Hydrostatic 2,090 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 266.67
 Final Flow 30 Day Standby 1d 8h Total 1981.17
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1714.50

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53077

Well Name & No. Church Unit 21-14 Test No. 3 Date 6/9/13
 Company Flatirons Resources LLC Elevation 2586 KB 2579 GL
 Address 303 E 17th Ave 940 Denver CO. 80203
 Co. Rep / Geo. Clayton Erickson Rig HO Rig 3
 Location: Sec. 14 Twp. 16S Rge. 28W Co. Lane Co. State KS

Interval Tested 4357-4405 Zone Tested Cherokee Sand
 Anchor Length 48 Drill Pipe Run 4202.01 Mud Wt. 9.4
 Top Packer Depth 4353 Drill Collars Run 147.37 Vis 47
 Bottom Packer Depth 4357 Wt. Pipe Run _____ WL 6.4
 Total Depth 4405 Chlorides 2,000 ppm System LCM 2#

Blow Description Built to 1/4" below
No return below
No below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>100% Mud with oil scum</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 114 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2,145 Test 1250 T-On Location 12:40
 (B) First Initial Flow 19 Jars 250 T-Started 13:20
 (C) First Final Flow 20 Safety Joint 75 T-Open 15:15
 (D) Initial Shut-In 35 Circ Sub N/C T-Pulled 16:45
 (E) Second Initial Flow 20 Hourly Standby off + 16 hrs T-Out 18:25
 (F) Second Final Flow 21 Mileage 90 RT 139.50 Comments Loaded to oil
 (G) Final Shut-In 29 Sampler 6/11/13 00:25
 (H) Final Hydrostatic 2,114 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30
 Sub Total 1714.50
 Total 2514.50
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, direct or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 13, 2013

John Marvin
Flatirons Resources LLC
CirclePoint Corporate Cntr II
11080 CirclePoint Rd, Ste #180
Westminster, CO 80020

Re: ACO1
API 15-101-22433-00-00
Church Unit 21-14
NW/4 Sec.14-16S-28W
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