



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 Distribution
- ALT I II III Approved by: _____ Date: _____



1072914

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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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 32-14
Doc ID	1072914

Tops

Name	Top	Datum
Anhydrite -top	2107	580
Anydrite -base	2140	547
Topeka	3636	-949
Heebner	3887	-1200
Toronto	3904	-1217
Muncie Creek Shale	4083	-1396
Stark shale	4177	-1490
Marmaton	4284	-1597
Pawnee	4390	-1703
Ft. Scott	4430	-1743
Johnson zone	4495	-1808
Mississippian	4595	-1908
TD	4596	-1909



CEMENTING LOG

STAGE NO. _____

Date 12/1/11 District Great Bend, KS Ticket No. 42379
 Company Flotation Resources Rig H D 42
 Lease Church Well No. 32-121
 County LeFlore State KS
 Location 3 miles, KS Dept Field _____
1/2 mile west into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 23# Collar 8 1/2

Casing Depths: Top 10 Bottom 269

Drill Pipe: Size 2 1/2 Weight 16.6 Collars 2 hole
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.16
 Open Holes: Bbls/Lin. ft. 1.458 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. 0.0735 Lin. ft./Bbl. 13.60
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA: Fresh water
 Spacer Type: _____
 Amt. 5 bbl Skys Yield _____ ft³/sk Density 8.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time thicker than hrs. Type Class A
20% cc 20% gel Excess _____

Amt. 185 Skys Yield 1.234 ft³/sk Density 15.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 398 Shave
 Bulk Equip. 442/188 Kevin/Jacob

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type fresh water Amt. _____ Bbls. Weight 5.1 PPG
 Mud Type Native Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Greg

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Stop up, hold safety meeting
						Run 8 5/8 casing
						Circulate casing w/ Rig and
						Hookup - Run 5 bbl. ahead
			119.15	2/21.15		Mix - 185 sks cement
			65.35	16.18		Displace w/ 16.18 bbl. fresh water
						that in
						Cement to circulate
						rig down

ALLIED CEMENTING CO., LLC. 042379

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Conroy Bend, KS

DATE	SEC.	TWP.	RANGE	LOC.	CALL. OUT	ON LOC.	JOB START	JOB FINISH
12/11/11	14	16S	28W	Sheds, KS	2 sent		9:25 AM	10:15 AM
LEASE <i>Mitchell</i>	WELL #	32-14	LOCATION	Sheds, KS	2 sent		COPY	STATE
OLD OR NEW (Circle one)				North West into			Jane	

CONTRACTOR H-D
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 269
 CASING SIZE 8 5/8 DEPTH 269
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 FT.
 PERFS.
 DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Steve P
 # 308 HELPER Shayne K
 BULK TRUCK DRIVER Kevin W / Travis K
 BULK TRUCK DRIVER

REMARKS:

*Left on before hook circulation
 1944 219 used. Hook up in
 265 219. 34 on 20 ft
 219 cement was discharge
 219 down
 119 down @ 10:15 pm*

CHARGE TO: Est Iron Resources
 STREET _____

CITY _____ STATE _____ ZIP _____

OWNER _____

CEMENT AMOUNT ORDERED 145 34 @ 155 A
50% on 20% off

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @

HANDLING @
 MILEAGE @
 TOTAL _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD @
 TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @
 _____ @
 _____ @
 _____ @
 TOTAL _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement 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 Colin Mortimer

SIGNATURE [Signature]

SALES TAX (if Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

Thank You



DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17Th Ave Ste 940
Denver, CO 80203

ATTN: Tim Priest

Church #32-14

14-16s-28w Lane,KS

Start Date: 2011.12.07 @ 06:45:16

End Date: 2011.12.07 @ 17:20:31

Job Ticket #: 44932 DST #: 1

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

Printed: 2011.12.19 @ 13:28:05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Flatirons Resources LLC

303 E 17Th Ave Ste 940
Denver, CO 80203

ATTN: Tim Priest

14-16s-28w Lane, KS

Church #32-14

Job Ticket: 44932

DST#: 1

Test Start: 2011.12.07 @ 06:45:16

GENERAL INFORMATION:

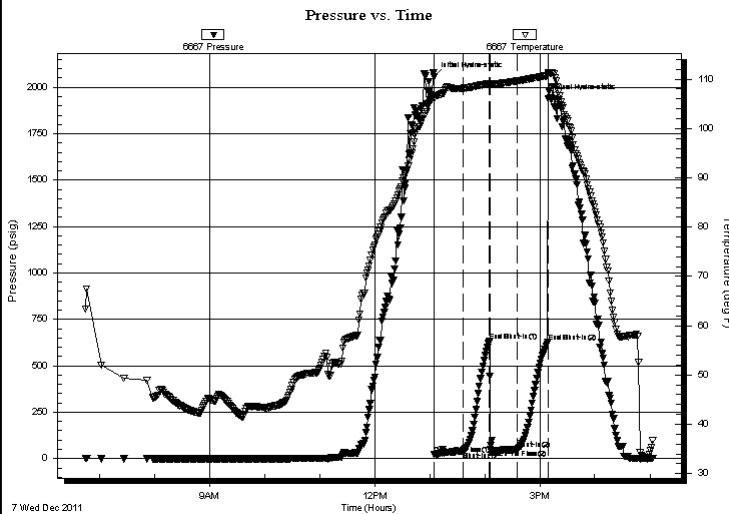
Formation: **HI**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 13:05:16
 Time Test Ended: 17:20:31
 Interval: **4084.00 ft (KB) To 4150.00 ft (KB) (TVD)**
 Total Depth: 4150.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2686.00 ft (KB)
 2677.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6667

Outside

Press @ Run Depth: 49.60 psig @ 4085.00 ft (KB)
 Start Date: 2011.12.07 End Date: 2011.12.07
 Start Time: 06:45:16 End Time: 17:03:31
 Capacity: 8000.00 psig
 Last Calib.: 2011.12.07
 Time On Btm: 2011.12.07 @ 13:05:01
 Time Off Btm: 2011.12.07 @ 15:09:01

TEST COMMENT: 1/2" blow
 No return
 Surface blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.49	106.50	Initial Hydro-static
1	24.89	106.06	Open To Flow (1)
32	39.28	108.18	Shut-In(1)
61	633.93	109.11	End Shut-In(1)
61	49.70	108.89	Open To Flow (2)
91	49.60	109.65	Shut-In(2)
124	626.62	110.73	End Shut-In(2)
124	1939.36	111.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud w/oil spots on top	0.30

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 Ste 940
Denver, CO 80203

Church #32-14

Job Ticket: 44932

DST#: 1

ATTN: Tim Priest

Test Start: 2011.12.07 @ 06:45:16

Tool Information

Drill Pipe:	Length: 3920.00 ft	Diameter: 3.80 inches	Volume: 54.99 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 154.00 ft	Diameter: 2.25 inches	Volume: 0.76 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 55.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4084.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	86.00 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			4065.00	
Shut In Tool	5.00			4070.00	
Hydraulic tool	5.00			4075.00	
Packer	5.00			4080.00	20.00 Bottom Of Top Packer
Packer	4.00			4084.00	
Stubb	1.00			4085.00	
Recorder	0.00	6771	Inside	4085.00	
Recorder	0.00	6667	Outside	4085.00	
Perforations	27.00			4112.00	
Change Over Sub	1.00			4113.00	
Drill Pipe	31.00			4144.00	
Change Over Sub	1.00			4145.00	
Bullnose	5.00			4150.00	66.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC

14-16s-28w Lane,KS

303 E 17Th Ave Ste 940
Denver, CO 80203

Church #32-14

Job Ticket: 44932

DST#: 1

ATTN: Tim Priest

Test Start: 2011.12.07 @ 06:45:16

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud w/oil spots on top	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

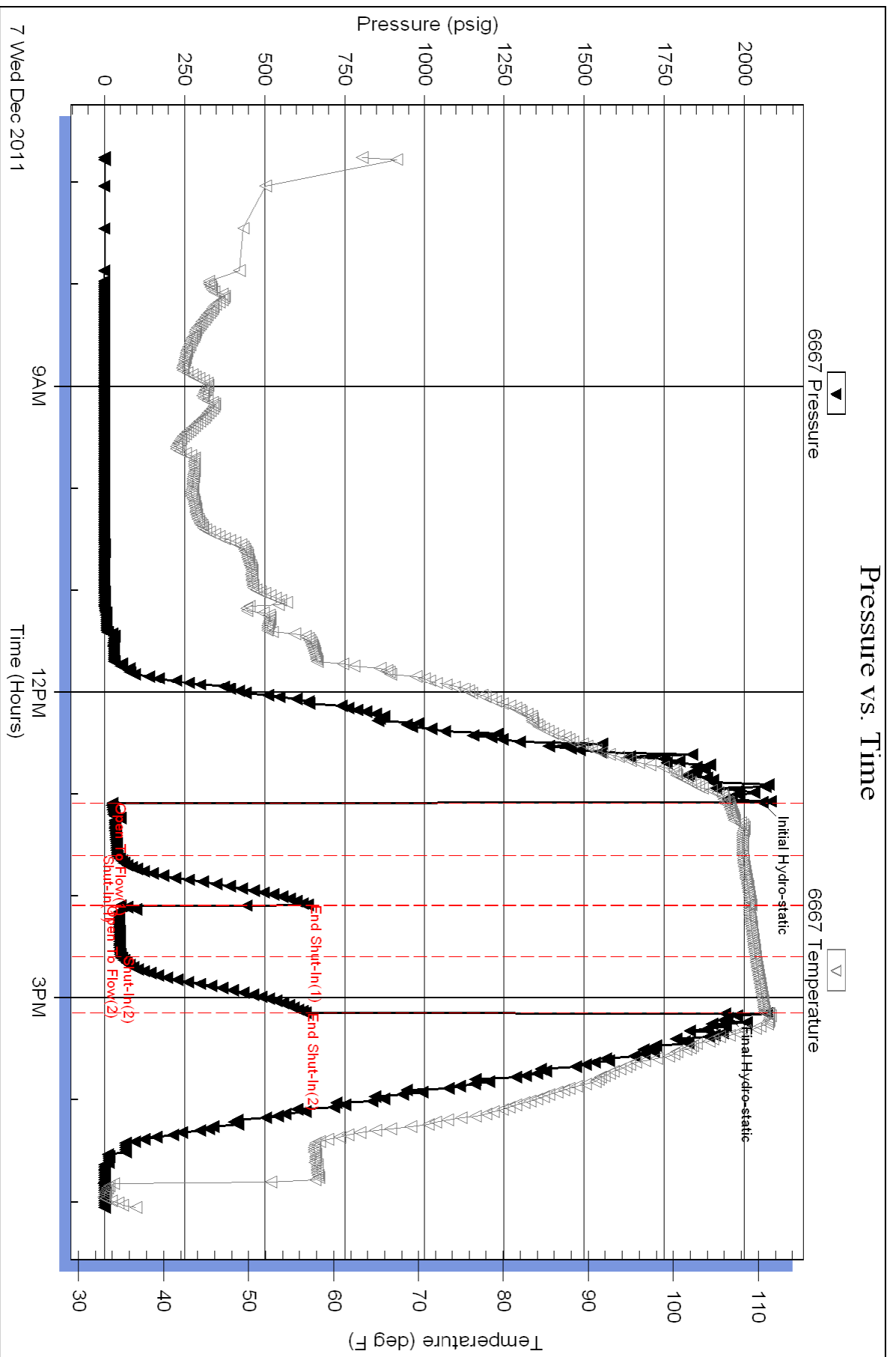
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



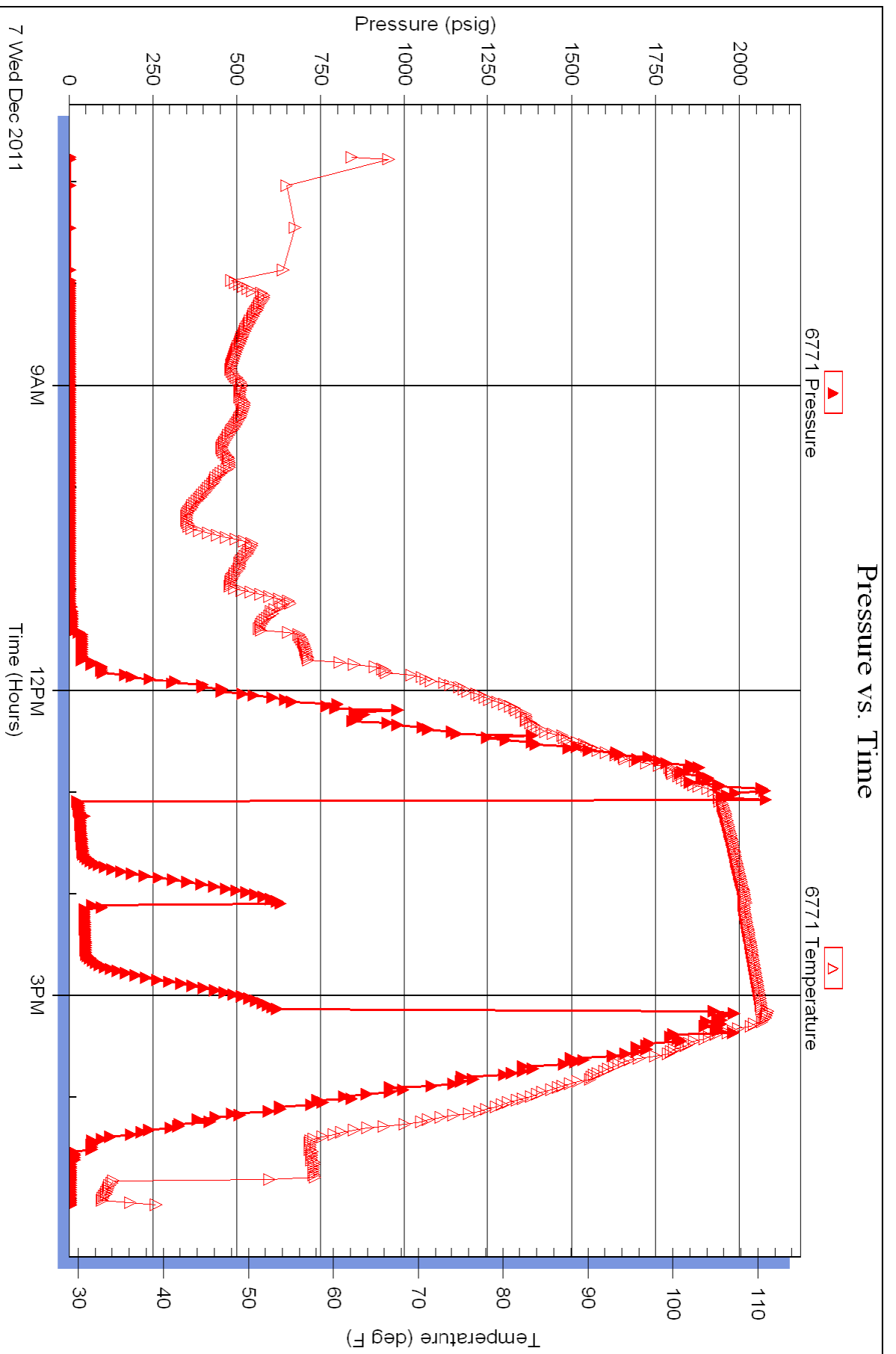
Serial #: 6771

Inside

Flairons Resources LLC

Church #32-14

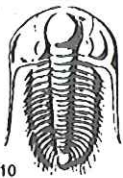
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 44932

Printed: 2011.12.19 @ 13:28:07



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 19 2011

Test Ticket

NO. 44932

Well Name & No. Church # 32-14 Test No. #1 Date 12/7/11
 Company Flattions Resources LLC Elevation 2686 KB 2677 GL
 Address 303 E 17th Ave Ste 940 Denver Colo 80203
 Co. Rep / Geo. Tim Forest Rig H.D. #2
 Location: Sec. 14 Twp. 16S Rge. 28W Co. lane State Ks

Interval Tested 4084 4150 Zone Tested H-I
 Anchor Length 66 Drill Pipe Run 3920 Mud Wt. 9.1
 Top Packer Depth 4079 Drill Collars Run 154' XH Vis 47
 Bottom Packer Depth 4084 Wt. Pipe Run --- WL 9.2
 Total Depth 4150 Chlorides 3000 ppm System LCM #2

Blow Description 1/2" blow
No return
Surface blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Mad</u>			<u>100</u>	
	<u>oil spots on top</u>				

Rec Total 60' BHT 112° Gravity --- API RW --- @ --- F Chlorides --- ppm

(A) Initial Hydrostatic 2055 Test 1225' T-On Location 02:30
 (B) First Initial Flow 24 Jars --- T-Started 06:45
 (C) First Final Flow 39 Safety Joint --- T-Open 13:06
 (D) Initial Shut-In 633 Circ Sub N/C T-Pulled 15:06
 (E) Second Initial Flow 49 Hourly Standby 4.314 hrs 475 T-Out 17:20
 (F) Second Final Flow 49 Mileage 84 RT 117.60 Comments on loco @ 02:30 AM.
 (G) Final Shut-In 626 Sampler X 2 25.00 Picked up tool @ 11:30 AM
 (H) Final Hydrostatic 1939 Straddle --- (9 hrs) 12/8

Initial Open 30 Shale Packer --- Ruined Shale Packer ---
 Initial Shut-In 30 Extra Packer --- Ruined Packer ---
 Final Flow 30 Extra Recorder --- Sub Total 0
 Final Shut-In 30 Day Standby --- Total 1935.20
 Accessibility --- MP/DST Disc't ---
 Sub Total 1935.20

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.