



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
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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: _____

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: _____



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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Dr
 Phillipsburg Ks 67661
 ATTN: Roger Wells

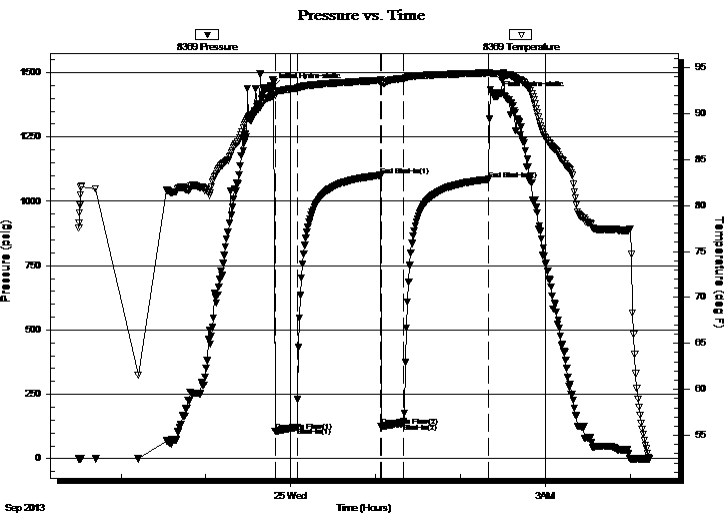
25-14s-16w Ellis
Baumrucker #5
 Job Ticket: 54815 **DST#: 1**
 Test Start: 2013.09.24 @ 21:30:13

GENERAL INFORMATION:

Formation: **Topeka-Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:48:53
 Time Test Ended: 04:13:37
 Interval: **2814.00 ft (KB) To 3025.00 ft (KB) (TVD)**
 Total Depth: 3025.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 1851.00 ft (KB)
 1846.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 136.87 psig @ 2817.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.24 End Date: 2013.09.25 Last Calib.: 2013.09.25
 Start Time: 21:30:13 End Time: 04:13:37 Time On Btm: 2013.09.24 @ 23:46:53
 Time Off Btm: 2013.09.25 @ 02:25:22

TEST COMMENT: 15-IFP-very w k surface bl , died in 10min
 60-ISIP-no bl
 15-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1443.02	91.86	Initial Hydro-static
2	105.33	92.01	Open To Flow (1)
18	122.13	92.77	Shut-In(1)
77	1101.20	93.64	End Shut-In(1)
77	124.70	93.22	Open To Flow (2)
93	136.87	93.82	Shut-In(2)
153	1085.72	94.45	End Shut-In(2)
159	1409.16	94.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources
80 Windmill Dr
Phillipsburg Ks 67661
ATTN: Roger Wells

25-14s-16w Ellis
Baumrucker #5
Job Ticket: 54815 **DST#: 1**
Test Start: 2013.09.24 @ 21:30:13

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 1.00 inches			

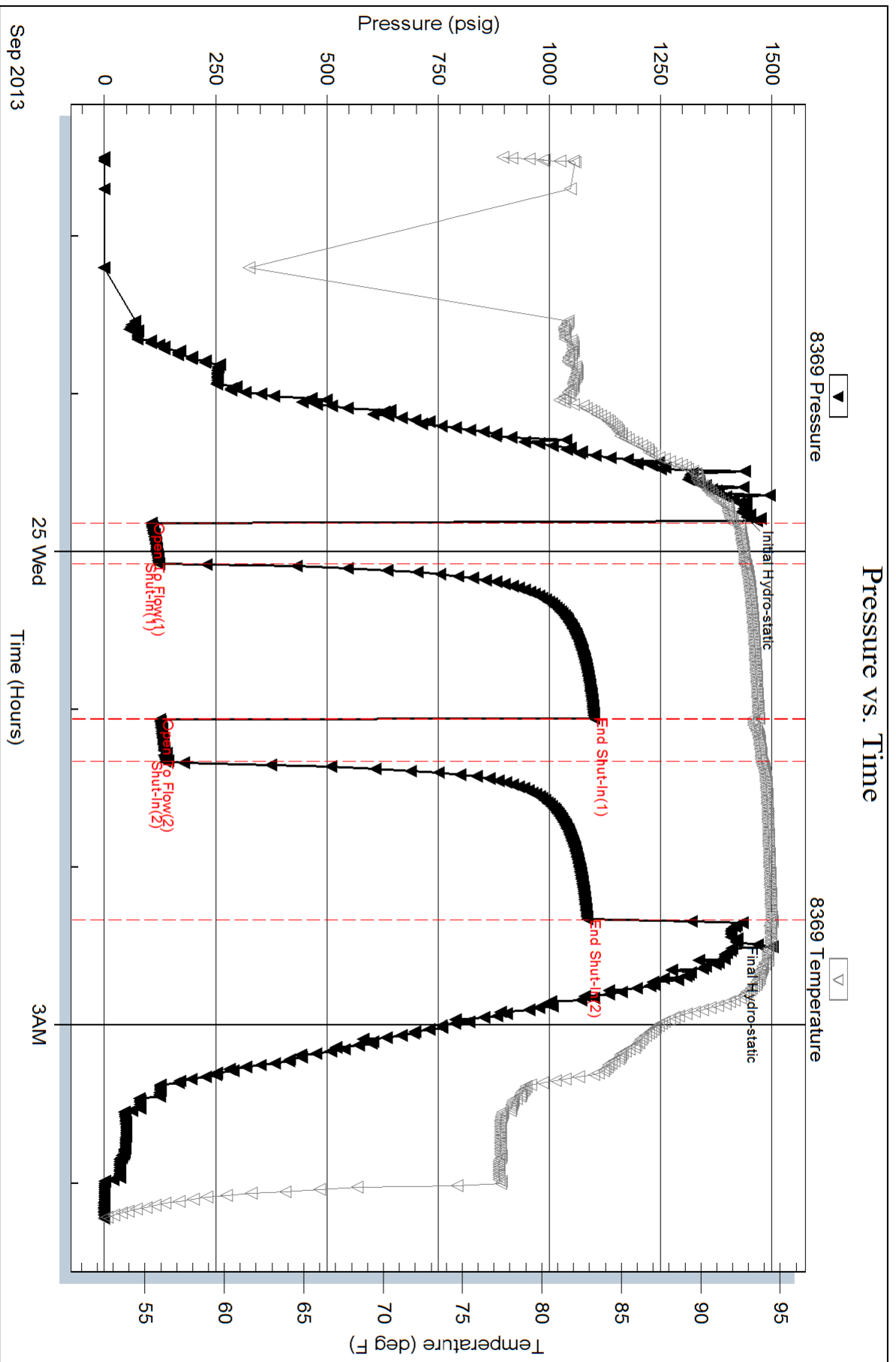
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud	0.000

Total Length: 70.00 ft Total Volume: 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

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54816

DST#: 2

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.25 @ 15:20:41

GENERAL INFORMATION:

Formation: **Toronto-LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:23:21

Time Test Ended: 22:48:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3032.00 ft (KB) To 3137.00 ft (KB) (TVD)

Reference Elevations: 1851.00 ft (KB)

Total Depth: 3137.00 ft (KB) (TVD)

1846.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 72.21 psig @ 3041.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.25 End Date: 2013.09.25

Last Calib.: 2013.09.25

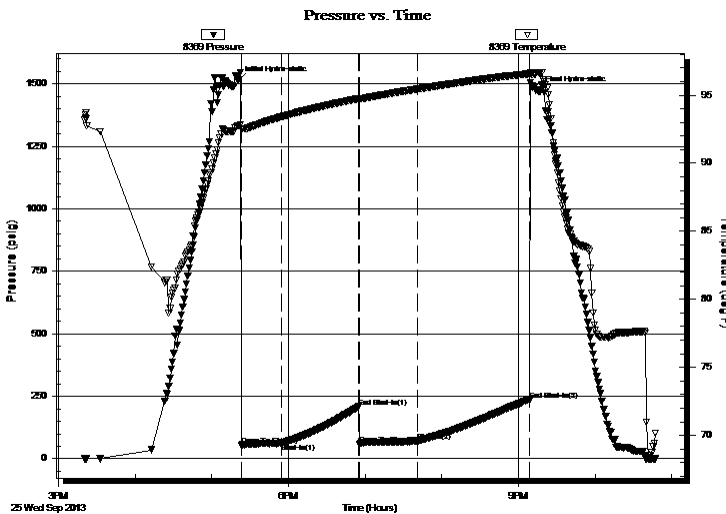
Start Time: 15:20:41 End Time: 22:48:05

Time On Btm: 2013.09.25 @ 17:21:06

Time Off Btm: 2013.09.25 @ 21:15:35

TEST COMMENT: 30-IFP-vy w k surface bl thru-out
60-ISIP-no bl
15-FFP-w k bl , did in 40min started at 3/4"bl
90-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1513.55	92.77	Initial Hydro-static
3	54.90	92.49	Open To Flow (1)
34	61.71	93.40	Shut-In(1)
94	207.85	94.75	End Shut-In(1)
95	59.10	94.71	Open To Flow (2)
140	72.21	95.44	Shut-In(2)
228	236.38	96.57	End Shut-In(2)
235	1471.86	96.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil Spotted mud	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54816

DST#: 2

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.25 @ 15:20:41

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Oil Spotted mud	0.000

Total Length: 20.00 ft Total Volume: bbl

Num Fluid Samples: 0

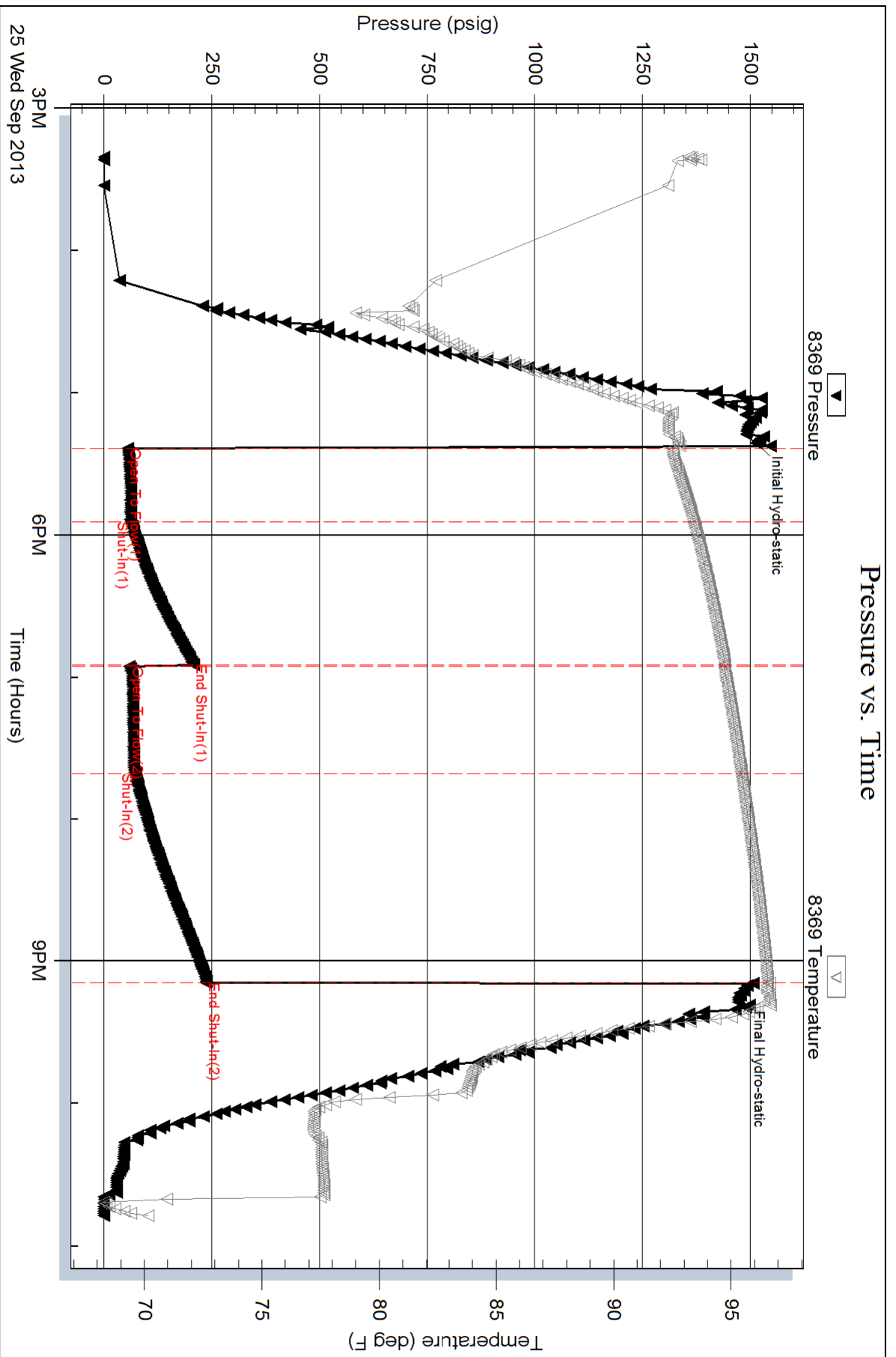
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54817

DST#: 3

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.26 @ 11:15:19

GENERAL INFORMATION:

Formation: **LKC "F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:56:14
 Time Test Ended: 18:43:28
 Interval: **3140.00 ft (KB) To 3202.00 ft (KB) (TVD)**
 Total Depth: 3202.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 1851.00 ft (KB)
 1846.00 ft (CF)
 KB to GR/CF: 5.00 ft

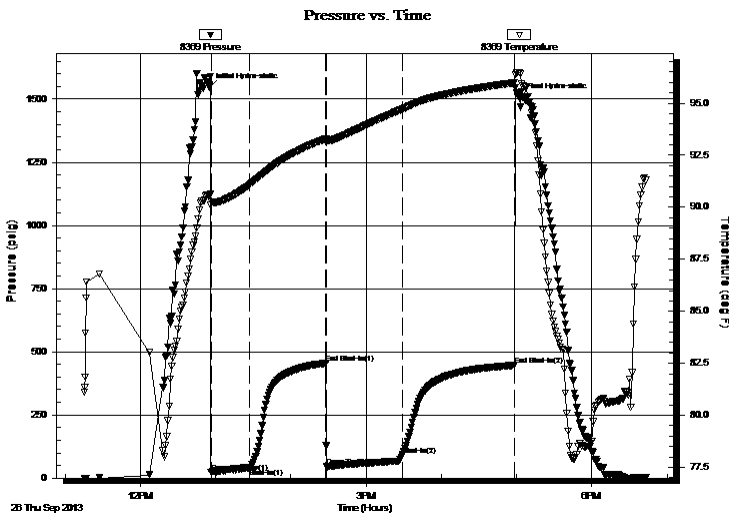
Serial #: 8369

Inside

Press @ Run Depth: 90.84 psig @ 3146.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.26 End Date: 2013.09.26 Last Calib.: 2013.09.26
 Start Time: 11:15:19 End Time: 18:43:28 Time On Btm: 2013.09.26 @ 12:54:44
 Time Off Btm: 2013.09.26 @ 17:02:13

TEST COMMENT: 30-IFP-w k bl , 1/4"to 1 1/4"bl
 60-ISIP-no bl
 60-FFP-w k bl , 1/4"to 1/2"bl
 90-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1547.28	90.60	Initial Hydro-static
2	22.26	90.13	Open To Flow (1)
33	40.47	91.07	Shut-In(1)
93	454.82	93.28	End Shut-In(1)
94	45.94	93.19	Open To Flow (2)
154	90.84	94.71	Shut-In(2)
244	446.02	95.98	End Shut-In(2)
248	1506.36	96.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	90'GIP	0.00
30.00	SOCM 2%O98%M	0.00
60.00	OCM 10%O90%M	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54817

DST#: 3

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.26 @ 11:15:19

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.80 in³

Resistivity: ohm.m

Salinity: 6900.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	90'GIP	0.000
30.00	SOCM 2%O98%M	0.000
60.00	OCM 10%O90%M	0.000

Total Length: 90.00 ft Total Volume: bbl

Num Fluid Samples: 0

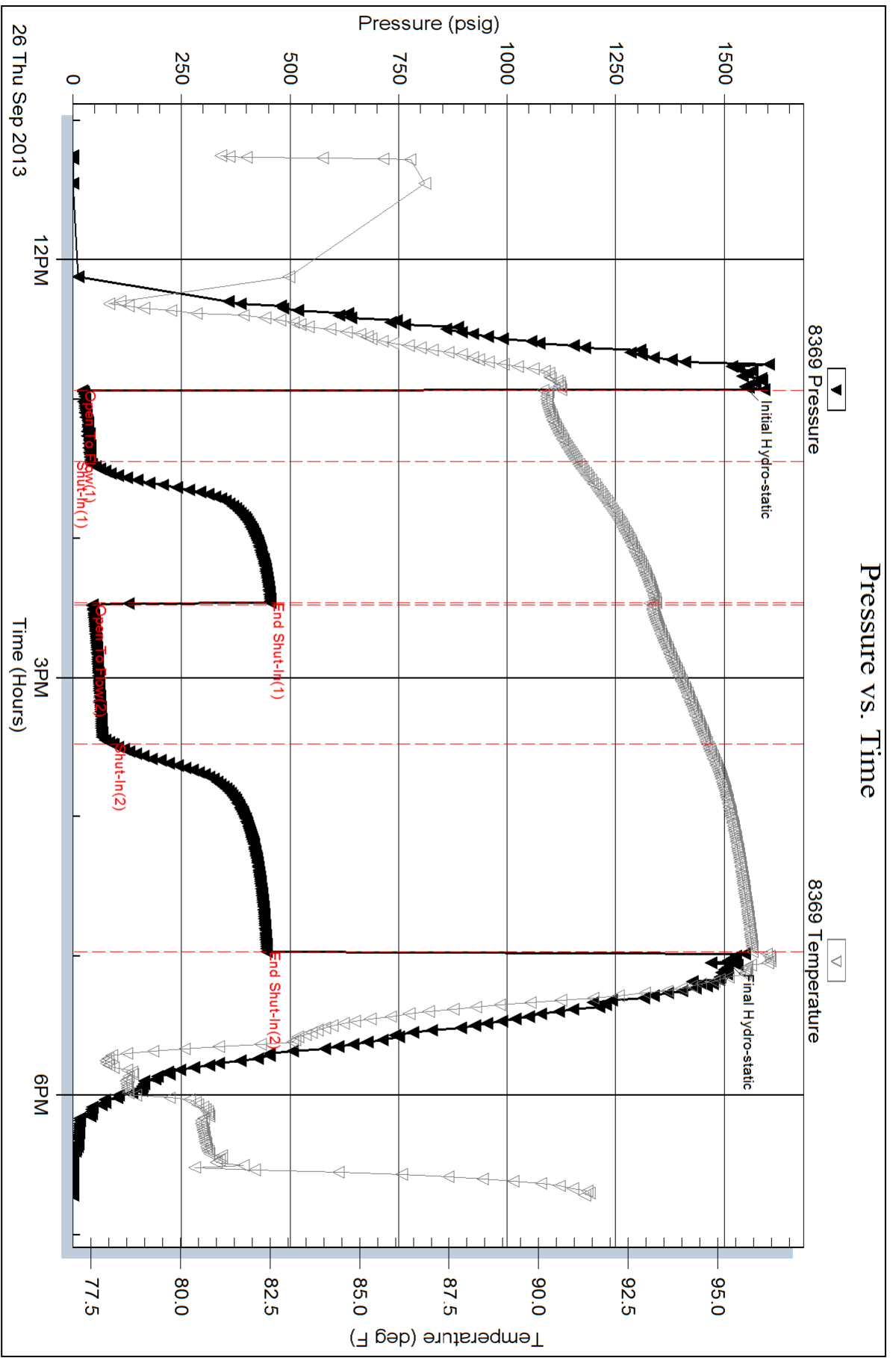
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54818

DST#: 4

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.27 @ 07:25:13

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:25:23

Time Test Ended: 13:11:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3214.00 ft (KB) To 3300.00 ft (KB) (TVD)

Reference Elevations: 1851.00 ft (KB)

Total Depth: 3300.00 ft (KB) (TVD)

1846.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 32.06 psig @ 3218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.27 End Date: 2013.09.27

Last Calib.: 2013.09.27

Start Time: 07:25:13 End Time: 13:11:37

Time On Btm: 2013.09.27 @ 09:23:08

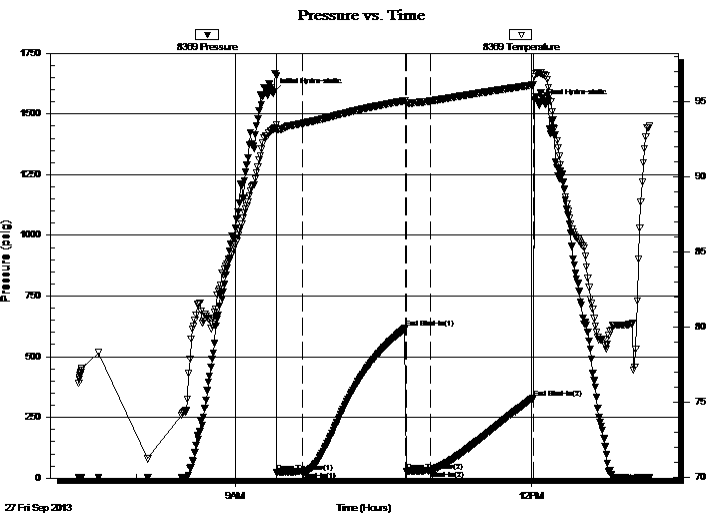
Time Off Btm: 2013.09.27 @ 12:04:37

TEST COMMENT: 15-surface bl , died in 13min

60-ISIP-no bl

15-FFP-no bl

60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.57	93.13	Initial Hydro-static
3	23.12	93.09	Open To Flow (1)
18	26.67	93.54	Shut-In(1)
81	616.59	95.06	End Shut-In(1)
81	28.42	94.91	Open To Flow (2)
96	32.06	95.02	Shut-In(2)
158	330.65	96.10	End Shut-In(2)
162	1541.00	96.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.04

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54818

DST#: 4

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.27 @ 07:25:13

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.035

Total Length: 5.00 ft Total Volume: 0.035 bbl

Num Fluid Samples: 0

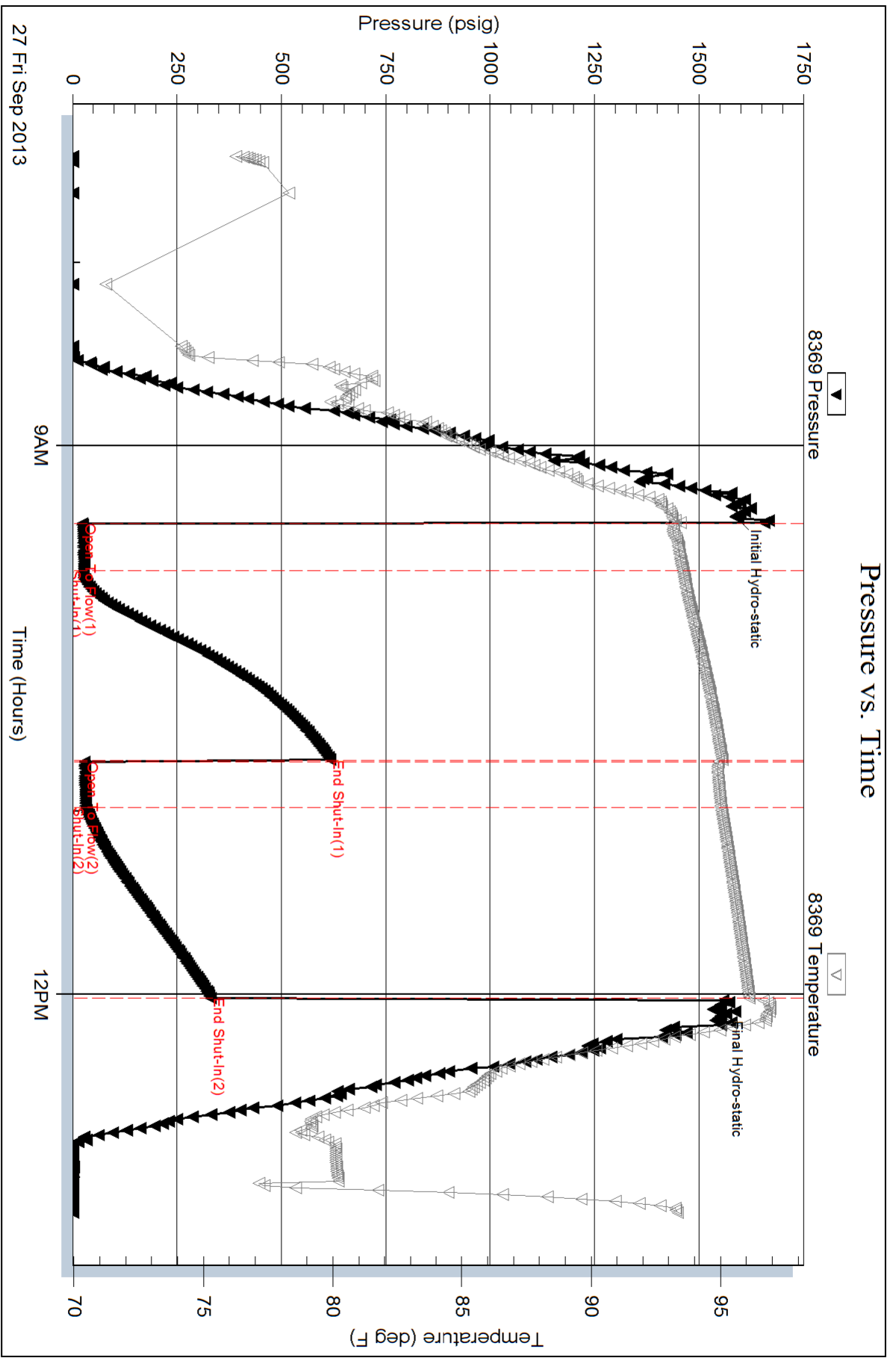
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Dr
 Phillipsburg Ks 67661
 ATTN: Roger Wells/ Charlie

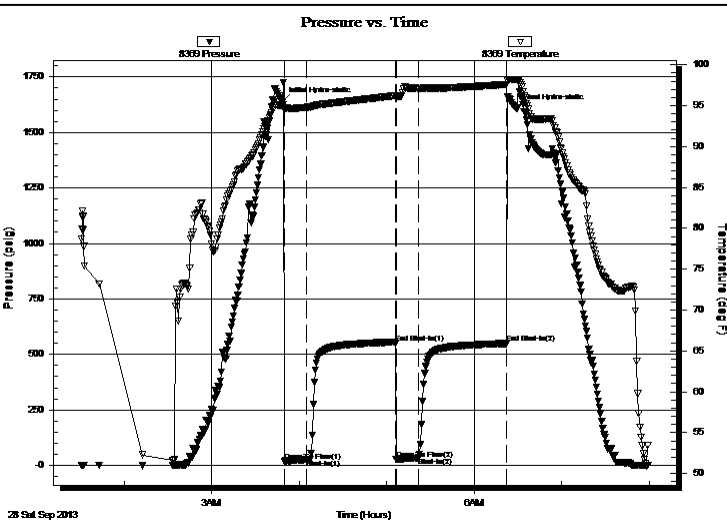
25-14s-16w Ellis
Baumrucker #5
 Job Ticket: 54819 **DST#: 5**
 Test Start: 2013.09.28 @ 01:30:34

GENERAL INFORMATION:

Formation: **Pleasiton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 03:49:59 Tester: Ray Schwager
 Time Test Ended: 08:15:13 Unit No: 70
 Interval: **3300.00 ft (KB) To 3330.00 ft (KB) (TVD)** Reference Elevations: 1851.00 ft (KB)
 Total Depth: 3330.00 ft (KB) (TVD) 1846.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press @ Run Depth: 34.72 psig @ 3302.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.28 End Date: 2013.09.28 Last Calib.: 2013.09.28
 Start Time: 01:30:34 End Time: 07:59:13 Time On Btm: 2013.09.28 @ 03:48:14
 Time Off Btm: 2013.09.28 @ 06:28:58

TEST COMMENT: 15-surface bl , died in 12min
 60-ISIP-no bl
 15-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.10	95.04	Initial Hydro-static
2	20.09	94.50	Open To Flow (1)
17	27.08	94.80	Shut-In(1)
78	549.73	96.22	End Shut-In(1)
78	27.74	96.08	Open To Flow (2)
94	34.72	97.09	Shut-In(2)
154	549.63	97.60	End Shut-In(2)
161	1609.33	98.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil spotted mud	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pioneer Resources

25-14s-16w Ellis

80 Windmill Dr
Phillipsburg Ks 67661

Baumrucker #5

Job Ticket: 54819

DST#: 5

ATTN: Roger Wells/ Charlie

Test Start: 2013.09.28 @ 01:30:34

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: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	Oil spotted mud	0.142

Total Length: 20.00 ft Total Volume: 0.142 bbf

Num Fluid Samples: 0

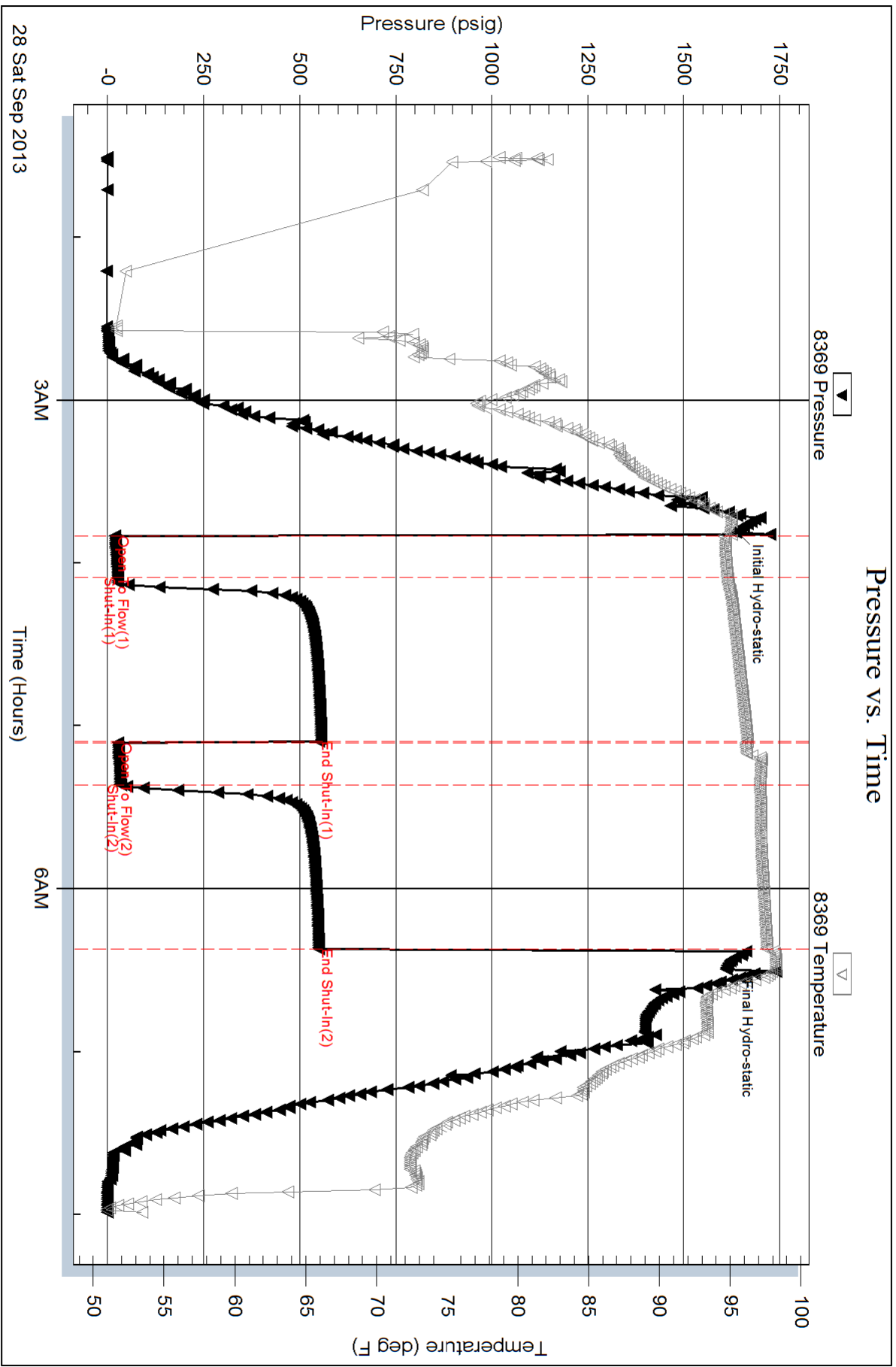
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



ALLIED OIL & GAS SERVICES, LLC 054878

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>9.29.13</u>	SEC <u>25</u>	TWP <u>14</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Barnack</u>	WELL # <u>5</u>	LOCATION <u>Walker Ks</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one)		<u>N. 3 1/2 m 1 1/2 east S into</u>					

CONTRACTOR Shields

TYPE OF JOB P/M

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 3364'

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT See Remarks

OWNER

CEMENT AMOUNT ORDERED 230 sk

60% 41. gal + 1/4 fl. gal

COMMON 138 sk @ 17.9 = 2,470.2

POZMIX 92 sk @ 9.35 = 860.2

GEL 9 sk @ 23.4 = 210.6

CHLORIDE @

ASC @

2 sk Flo-Seal @

* 50 lbs @ 2.97 = 148.5

HANDLING 167.9 @ 2.48 = 416.39

MILEAGE 116.61 @ 2.60 = 303.18

TOTAL 4,408.99

4409.07

EQUIPMENT

PUMP TRUCK CEMENTER Gony P

409 HELPER Watson D

BULK TRUCK DRIVER Jesse C

461

BULK TRUCK DRIVER

REMARKS:

* P1 = 3364' @ 50sk = 8.21 ^{hr} mix
Dis = 4.91 ^{hr} mix

* P2 = 960' @ 25sk = 4.10 ^{hr} mix
Dis = 12.07 ^{hr} mix

* P3 = 420' @ 100sk = 16.42 ^{hr} mix
Dis = .58 ^{hr} mix

* P4 = 40' @ 10sk = 1.64 ^{hr} mix

1x 8" wooden Plug
cement to surface

Rate = 30sk
Charge to: Pioneer Resources

SERVICE

DEPTH OF JOB 3364'

PUMP TRUCK CHARGE \$2600.49

EXTRA FOOTAGE @

MILEAGE Heavy 16m @ 7.70 = 123.20

MANIFOLD light 16m @ 4.40 = 70.40

TOTAL \$2,794.07

PLUG & FLOAT EQUIPMENT

1x 8" wooden Plug @ \$89.63

TOTAL \$89.63

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

SALES TAX (If Any)

TOTAL CHARGES \$7,292.87

DISCOUNT \$720.30 IF PAID IN 30 DAYS

net 6572.47

PRINTED NAME George Bogler

SIGNATURE George Bogler