



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1158131  
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: \_\_\_\_\_

1158131

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 <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  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				

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<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> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Cholla Production, LLC
Well Name	Stallman 2-25
Doc ID	1158131

All Electric Logs Run

CPI
DIL
DUCP
MEL





## DRILL STEM TEST REPORT

Prepared For: **Cholla Production, LLC.**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

ATTN: Justin Carter

### **Stallman #2-25**

#### **25/2s/30w Decatur KS**

Start Date: 2013.09.25 @ 02:05:00

End Date: 2013.09.25 @ 08:44:30

Job Ticket #: 55088                      DST #: 1

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

Printed: 2013.09.25 @ 09:26:59

Cholla Production, LLC. 25/2s/30w Decatur KS Stallman #2-25 DST # 1 LKC "A" 2013.09.25



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55088

**DST#: 1**

ATTN: Justin Carter

Test Start: 2013.09.25 @ 02:05:00

## GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:01:00

Time Test Ended: 08:44:30

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

**Interval: 3764.00 ft (KB) To 3818.00 ft (KB) (TVD)**

Reference Elevations: 2803.00 ft (KB)

Total Depth: 3818.00 ft (KB) (TVD)

2798.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8671**

**Inside**

Press @ Run Depth: 100.40 psig @ 3765.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.25

End Date:

2013.09.25

Last Calib.:

2013.09.25

Start Time: 02:05:05

End Time:

08:44:29

Time On Btm:

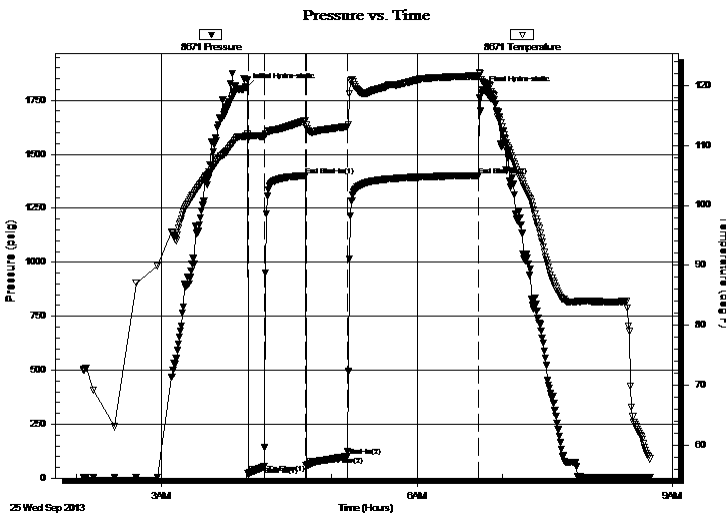
2013.09.25 @ 03:59:45

Time Off Btm:

2013.09.25 @ 06:46:00

**TEST COMMENT:** 10 - IF: Blow built to 3"  
30 - IS: No blow back  
30 - FF: Blow built to 6"  
90 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.96	111.59	Initial Hydro-static
2	20.28	111.21	Open To Flow (1)
13	54.12	111.51	Shut-In(1)
42	1401.25	114.13	End Shut-In(1)
42	58.62	113.36	Open To Flow (2)
71	100.40	113.16	Shut-In(2)
164	1401.55	121.59	End Shut-In(2)
167	1796.70	120.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
122.00	MCW 80%w , 20%m	0.60
53.00	MCW 68%w , 32%m	0.74
0.00	Sampler = 155 PSI	0.00
0.00	Sampler = 2500 mL 93%w , 7%m	0.00

## Gas Rates

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



**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Cholla Production, LLC.  
10390 Bradford Rd. STE 201  
Littleton, CO 80127  
ATTN: Justin Carter

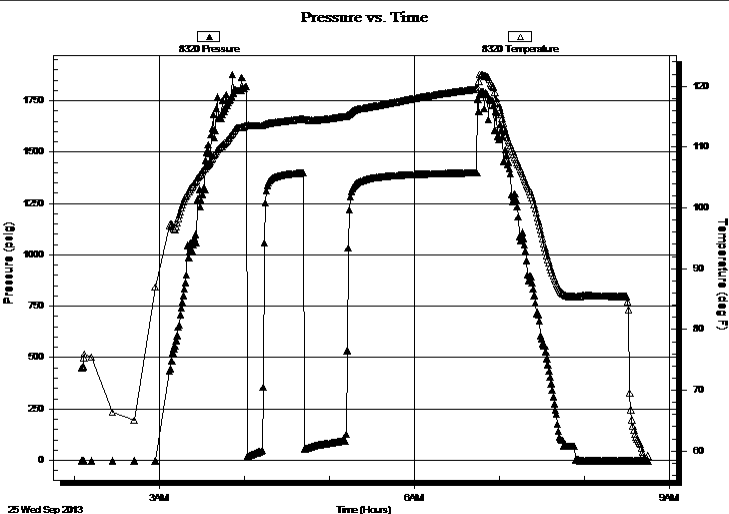
**25/2s/30w Decatur KS**  
**Stallman #2-25**  
Job Ticket: 55088 **DST#: 1**  
Test Start: 2013.09.25 @ 02:05:00

**GENERAL INFORMATION:**

Formation: **LKC "A"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:01:00  
 Time Test Ended: 08:44:30  
 Interval: **3764.00 ft (KB) To 3818.00 ft (KB) (TVD)**  
 Total Depth: 3818.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 2803.00 ft (KB)  
 2798.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8320 Outside**  
 Press @ Run Depth: psig @ 3765.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.09.25 End Date: 2013.09.25 Last Calib.: 2013.09.25  
 Start Time: 02:05:05 End Time: 08:44:59 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 10 - IF: Blow built to 3"  
 30 - IS: No blow back  
 30 - FF: Blow built to 6"  
 90 - FS: No blow back



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
122.00	MCW 80%w , 20%m	0.60
53.00	MCW 68%w , 32%m	0.74
0.00	Sampler = 155 PSI	0.00
0.00	Sampler = 2500 mL 93%w , 7%m	0.00

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55088

**DST#: 1**

ATTN: Justin Carter

Test Start: 2013.09.25 @ 02:05:00

## 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:

9750 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
122.00	MCW 80%w , 20%m	0.600
53.00	MCW 68%w , 32%m	0.743
0.00	Sampler = 155 PSI	0.000
0.00	Sampler = 2500 mL 93%w , 7%m	0.000

Total Length: 175.00 ft      Total Volume: 1.343 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

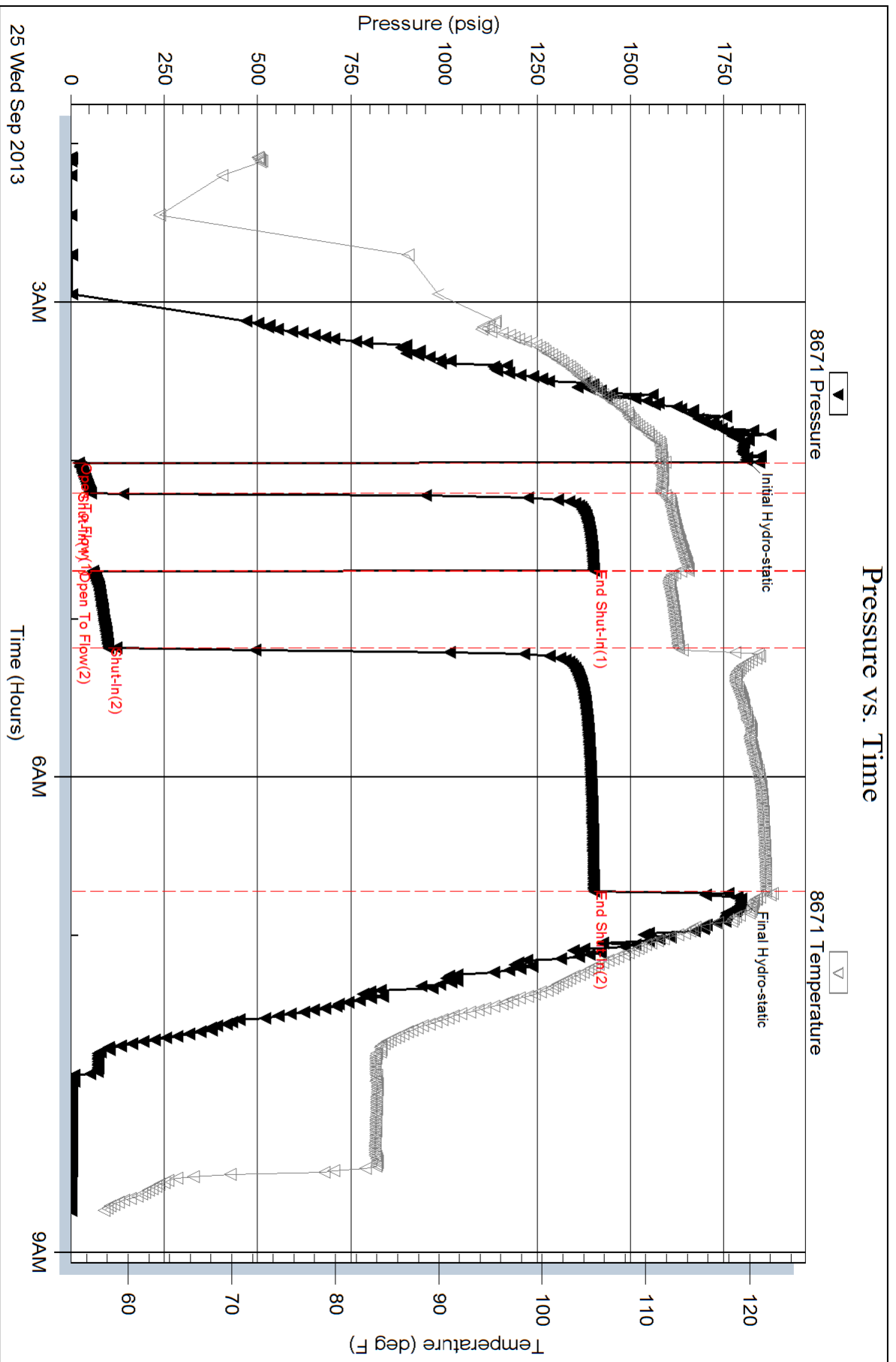
Laboratory Location:

Recovery Comments: RW = .735 ohms @ 59 deg F Chlorides = 9,750 ppm

Sampler RW = .650 ohms @ 57 deg F Chlorides = 12,000 ppm



### Pressure vs. Time

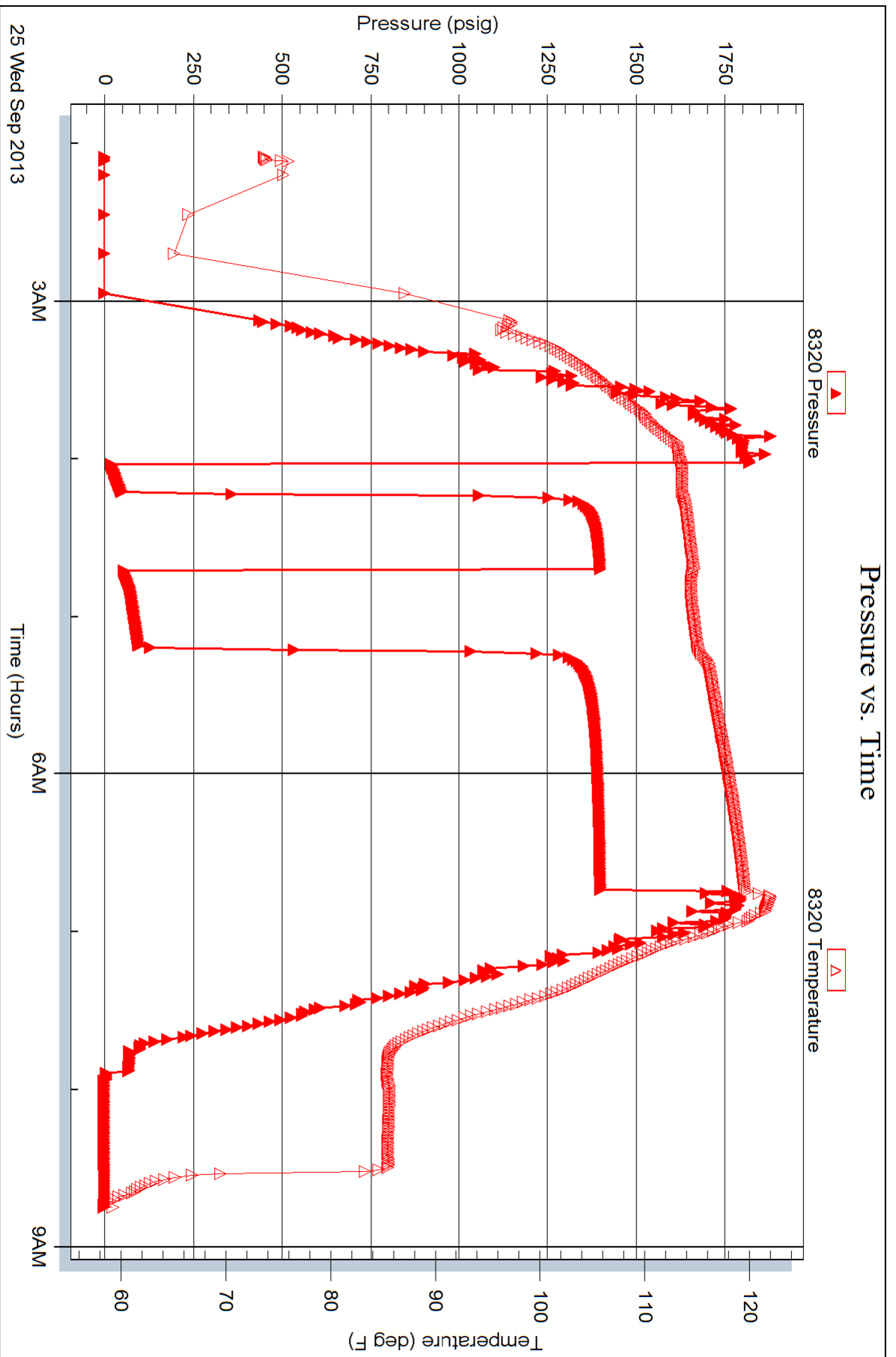


Serial #: 8320

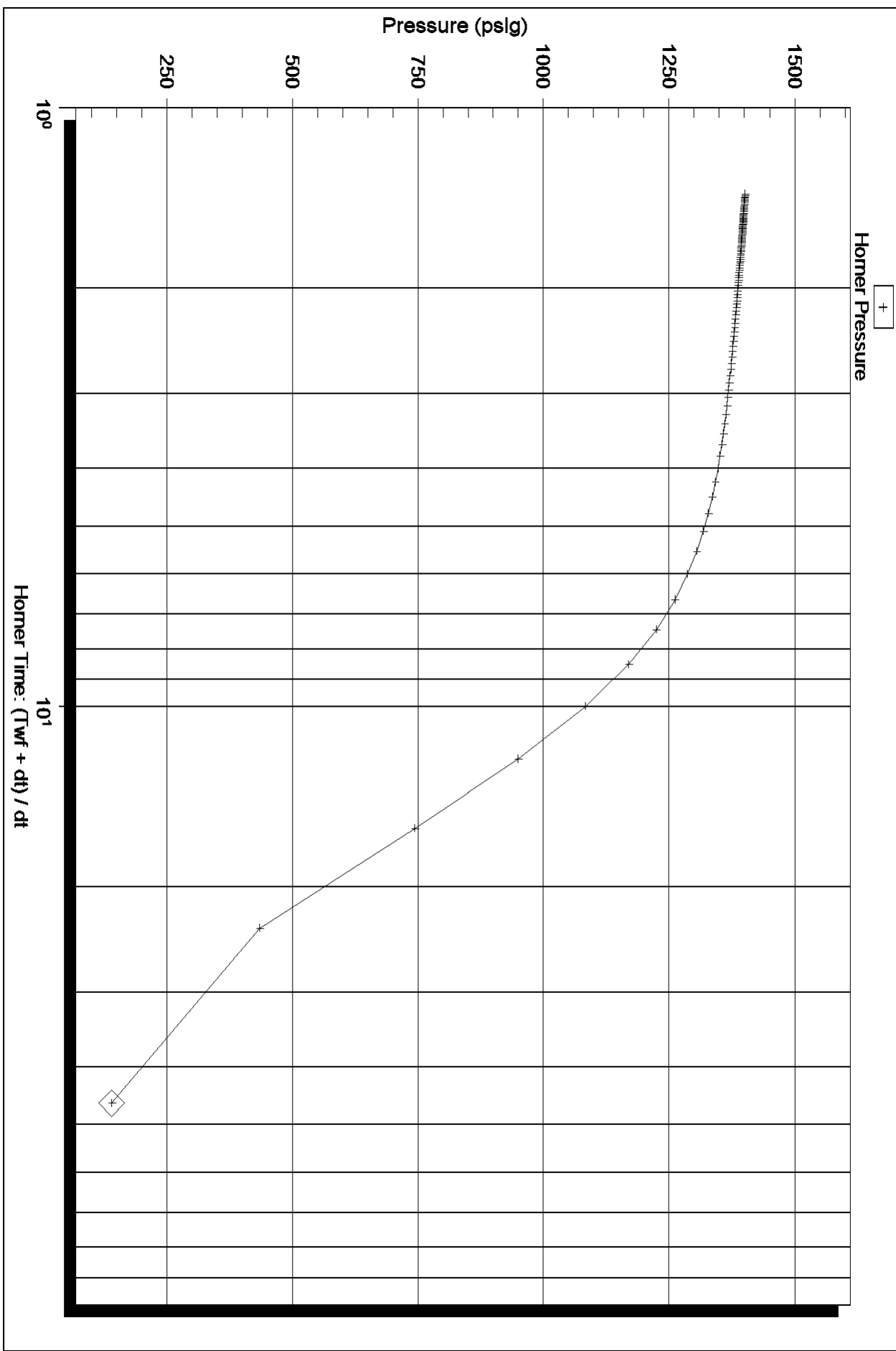
Outside Cholla Production, LLC.

Stallman #2-25

DST Test Number: 1



### Horner Plot



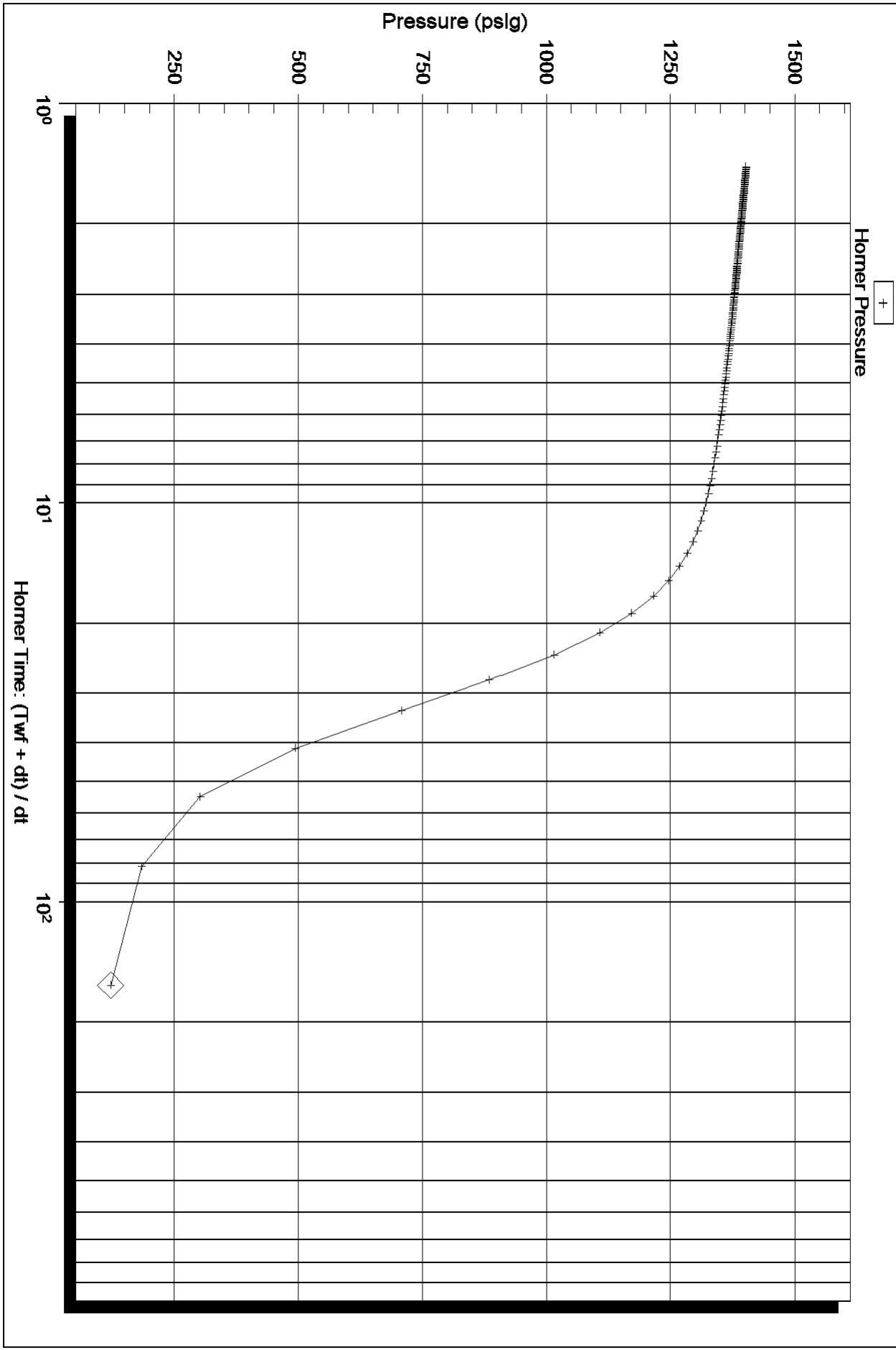
Serial Number: 8671 (Inside)

P\* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

### Horner Plot



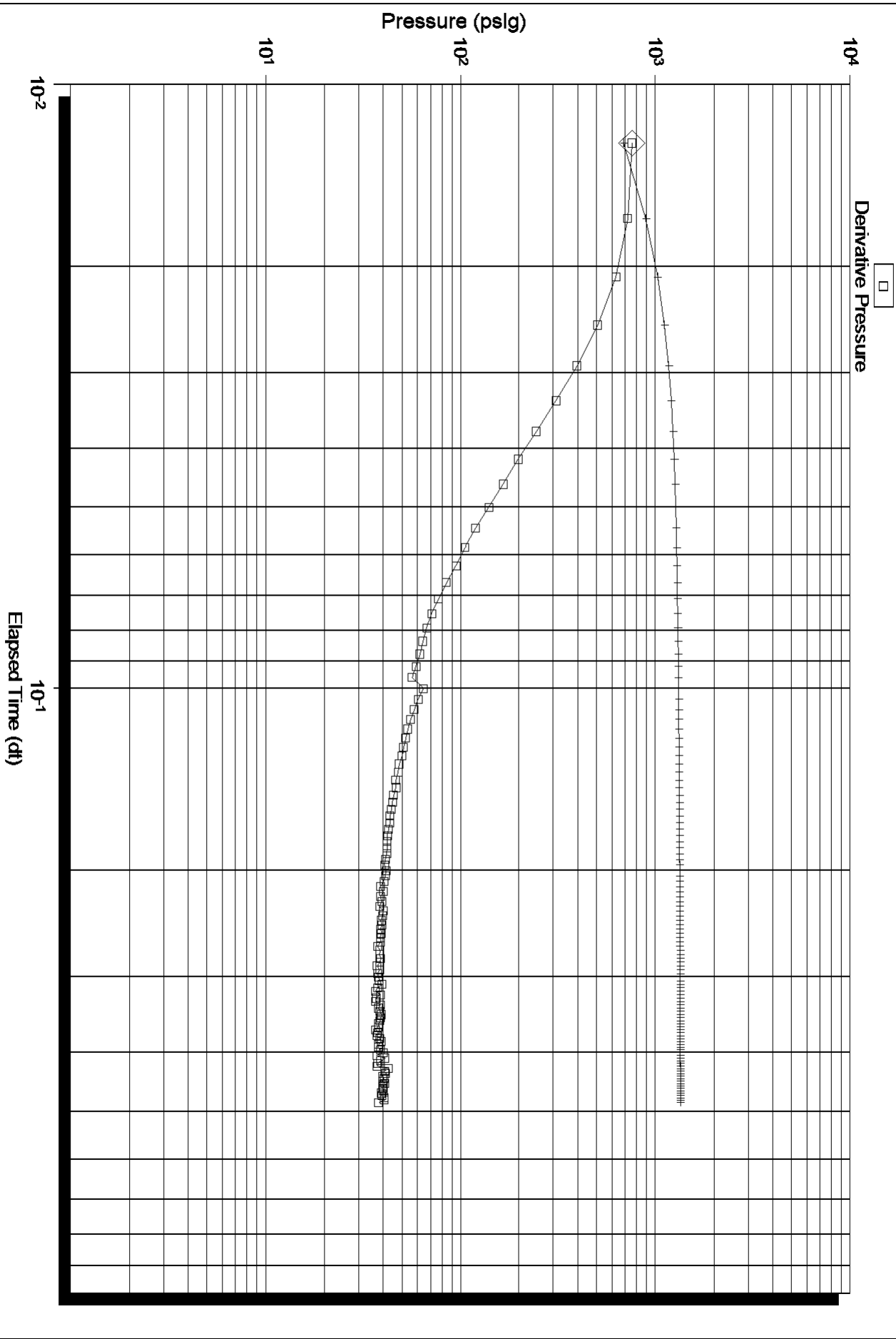
Serial Number: 8671 (Inside)

P\* :

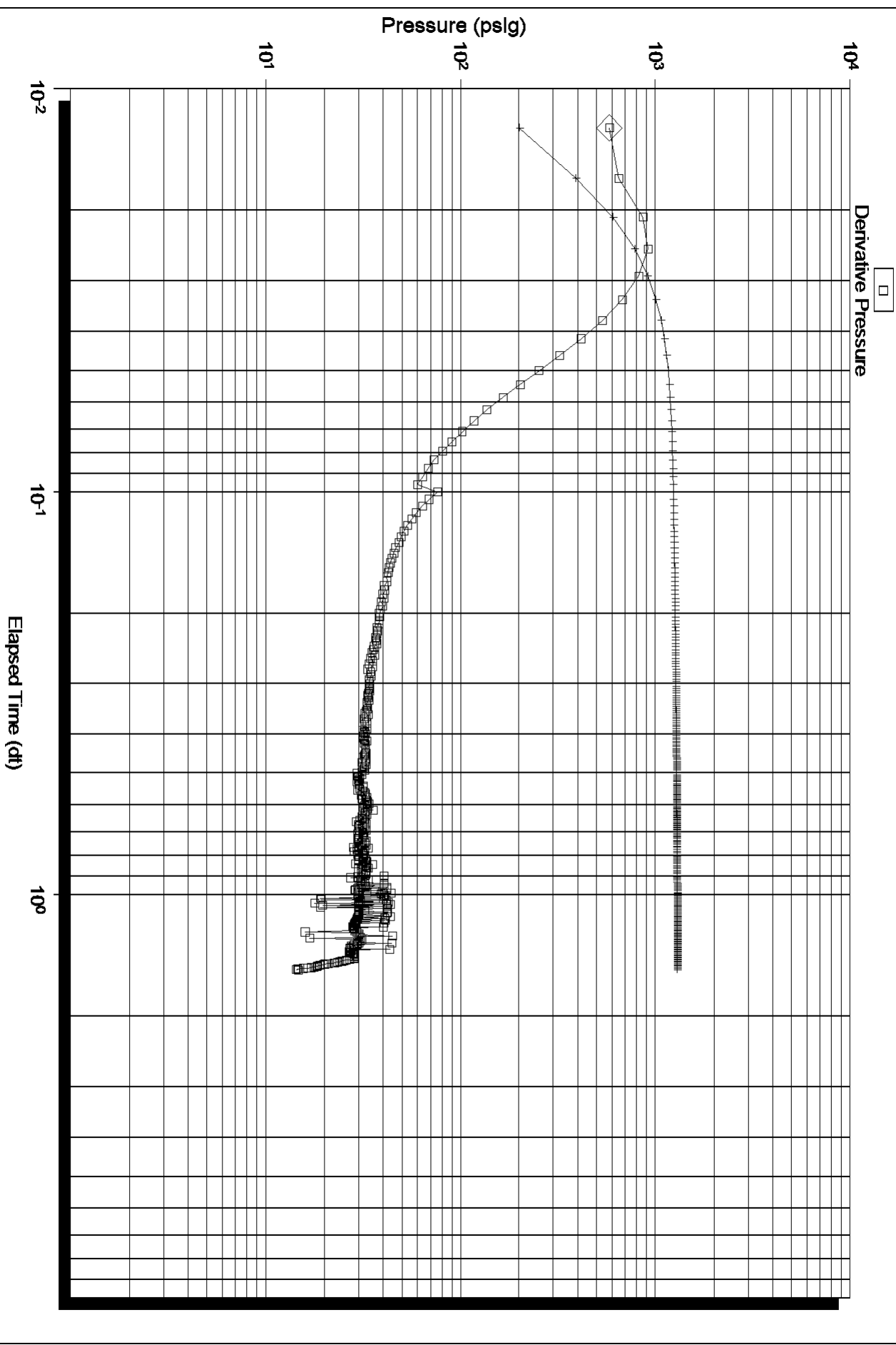
Slope (m) : kpa/log cycle

Flow Cycle: 2

# Log-Log and Pseudo-Derivative



# Log-Log and Pseudo-Derivative





## DRILL STEM TEST REPORT

Prepared For: **Cholla Production, LLC.**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

ATTN: Justin Carter

### **Stallman #2-25**

#### **25/2s/30w Decatur KS**

Start Date: 2013.09.25 @ 16:50:00

End Date: 2013.09.25 @ 22:36:45

Job Ticket #: 55089                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.25 @ 22:56:26



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55089

**DST#: 2**

ATTN: Justin Carter

Test Start: 2013.09.25 @ 16:50:00

## GENERAL INFORMATION:

Formation: **LKC "B - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:42:30

Time Test Ended: 22:36:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

**Interval: 3815.00 ft (KB) To 3860.00 ft (KB) (TVD)**

Reference Elevations: 2803.00 ft (KB)

Total Depth: 3860.00 ft (KB) (TVD)

2798.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8671**

**Inside**

Press @ Run Depth: 30.50 psig @ 3816.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.25

End Date:

2013.09.25

Last Calib.:

2013.09.25

Start Time: 16:50:05

End Time:

22:36:44

Time On Btm:

2013.09.25 @ 18:42:15

Time Off Btm:

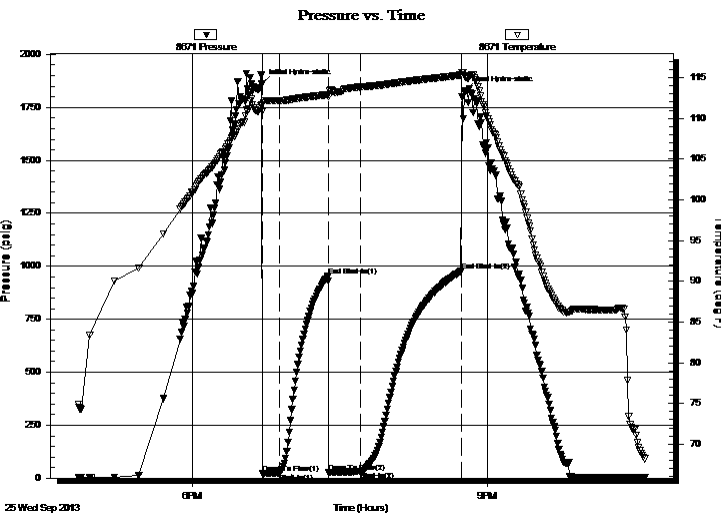
2013.09.25 @ 20:46:45

**TEST COMMENT:** 10 - IF: Blow built to 1/4"

30 - IS: No blow back

20 - FF: No blow

60 - FS: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.23	111.72	Initial Hydro-static
1	20.59	110.83	Open To Flow (1)
11	24.12	112.17	Shut-In(1)
41	954.97	112.93	End Shut-In(1)
41	26.76	112.70	Open To Flow (2)
61	30.50	113.87	Shut-In(2)
122	976.77	115.33	End Shut-In(2)
125	1828.15	115.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /trace oil 100%m	0.22
0.00	Sampler = 140 PSI	0.00
0.00	Sampler = 2500 mL 99%m, 1%o	0.00

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55089

**DST#: 2**

ATTN: Justin Carter

Test Start: 2013.09.25 @ 16:50:00

## GENERAL INFORMATION:

Formation: **LKC "B - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:42:30

Time Test Ended: 22:36:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

**Interval: 3815.00 ft (KB) To 3860.00 ft (KB) (TVD)**

Reference Elevations: 2803.00 ft (KB)

Total Depth: 3860.00 ft (KB) (TVD)

2798.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8320**

**Outside**

Press @ Run Depth: psig @ 3816.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.25

End Date:

2013.09.25

Last Calib.:

2013.09.25

Start Time: 16:50:05

End Time:

22:37:14

Time On Btm:

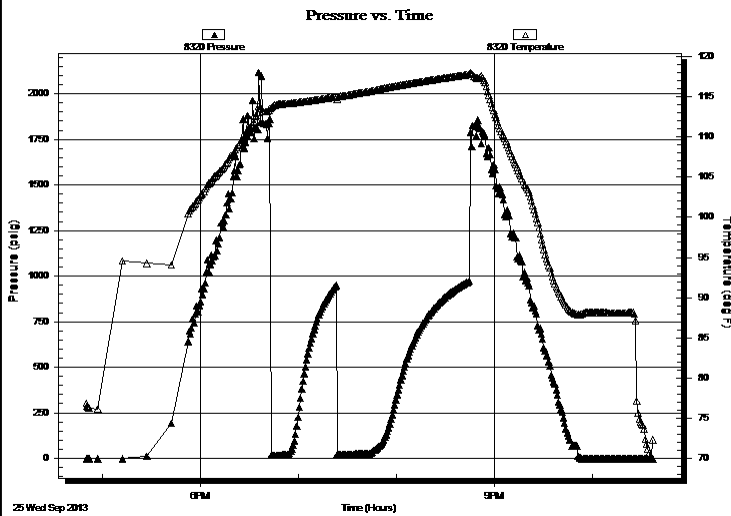
Time Off Btm:

**TEST COMMENT:** 10 - IF: Blow built to 1/4"

30 - IS: No blow back

20 - FF: No blow

60 - FS: No blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /trace oil 100%m	0.22
0.00	Sampler = 140 PSI	0.00
0.00	Sampler = 2500 mL 99%m, 1%o	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**

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55089

**DST#: 2**

ATTN: Justin Carter

Test Start: 2013.09.25 @ 16:50:00

## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	Mud w /trace oil 100%m	0.221
0.00	Sampler = 140 PSI	0.000
0.00	Sampler = 2500 mL 99%m, 1%o	0.000

Total Length: 45.00 ft      Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

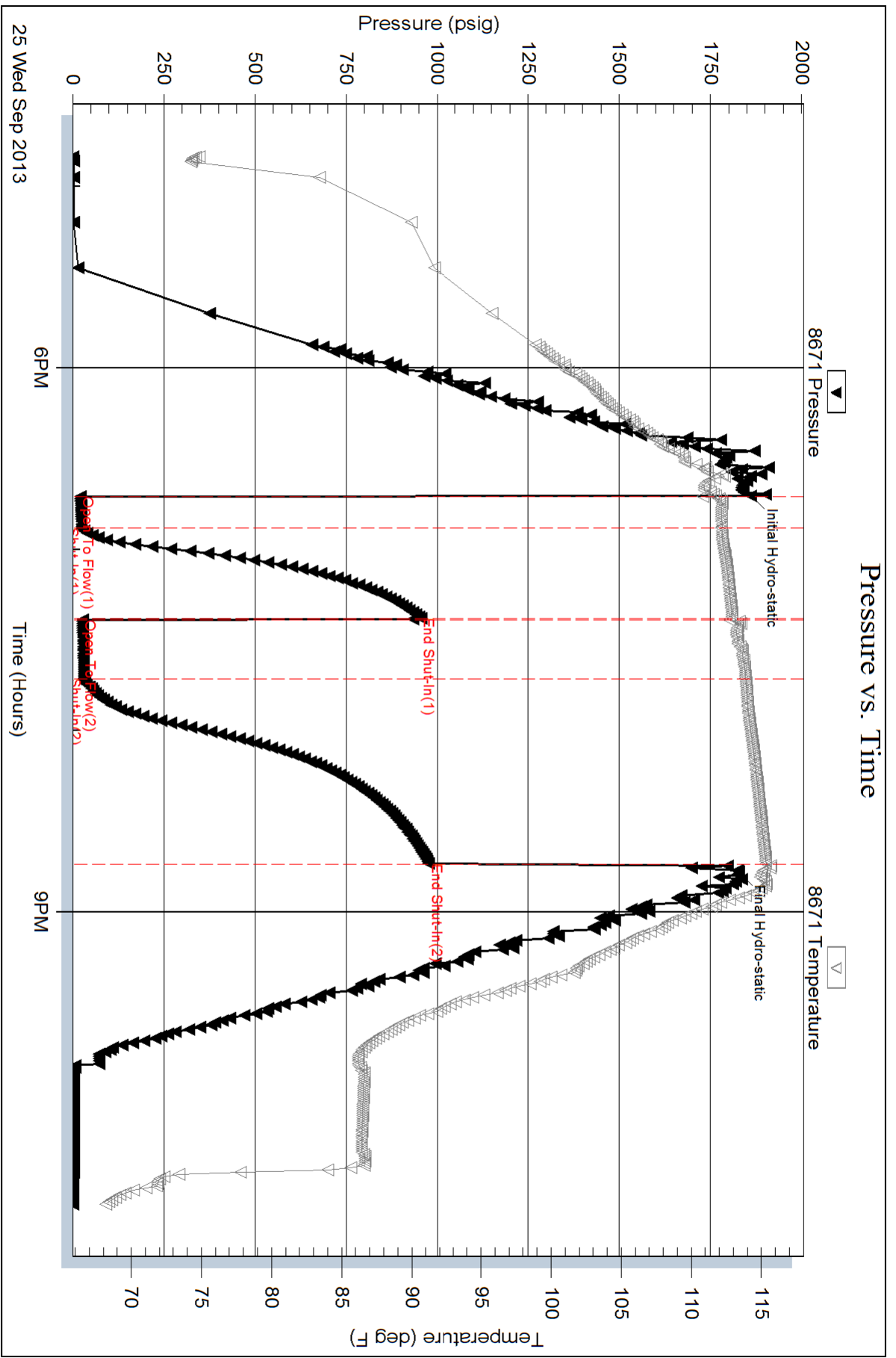
Serial #: 8671

Inside

Cholla Production, LLC.

Stallman #2-25

DST Test Number: 2

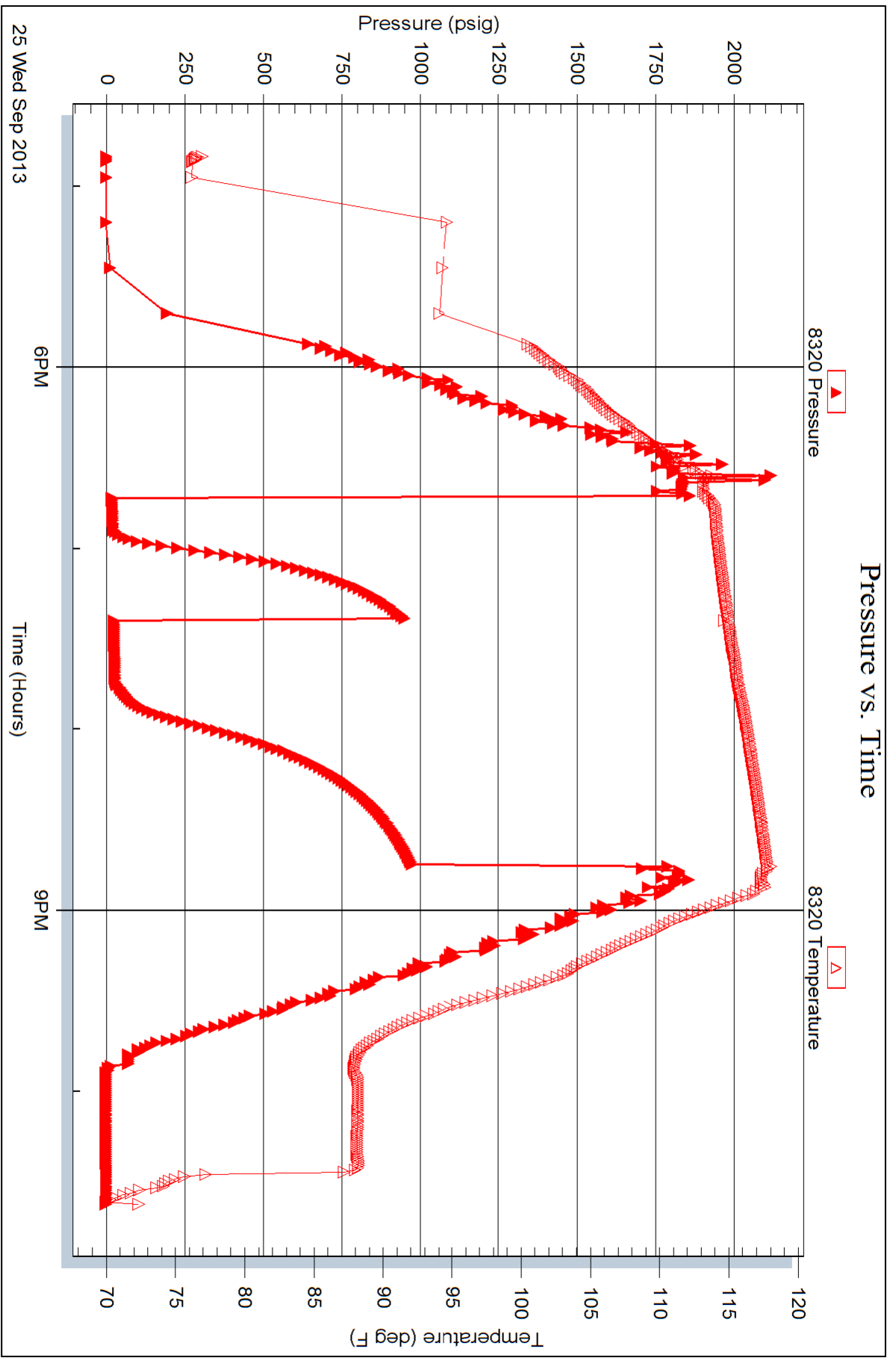


Serial #: 8320

Outside Cholla Production, LLC.

Stallman #2-25

DST Test Number: 2

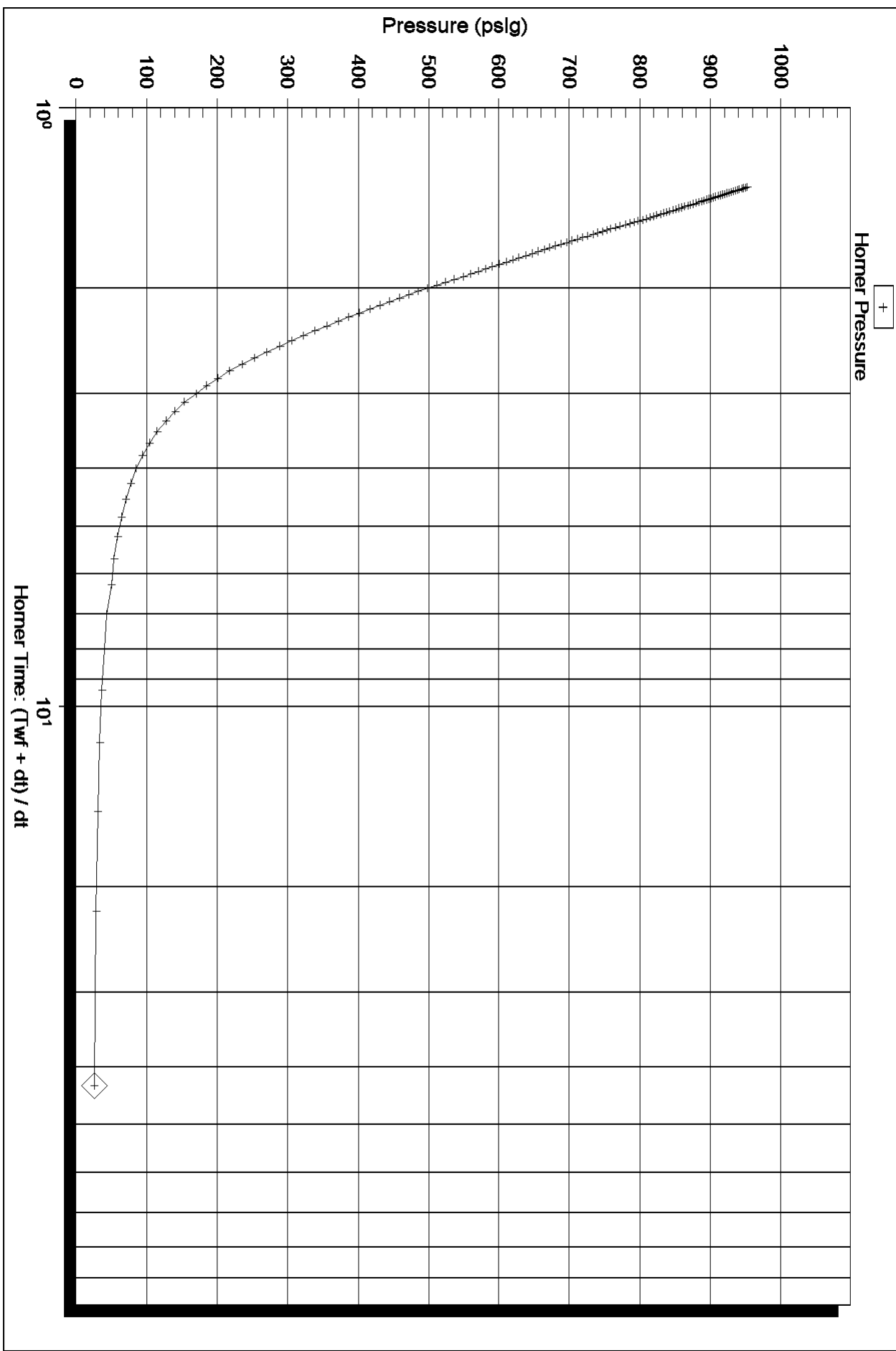


Trilobite Testing, Inc

Ref. No: 55089

Printed: 2013.09.25 @ 22:56:27

# Horner Plot



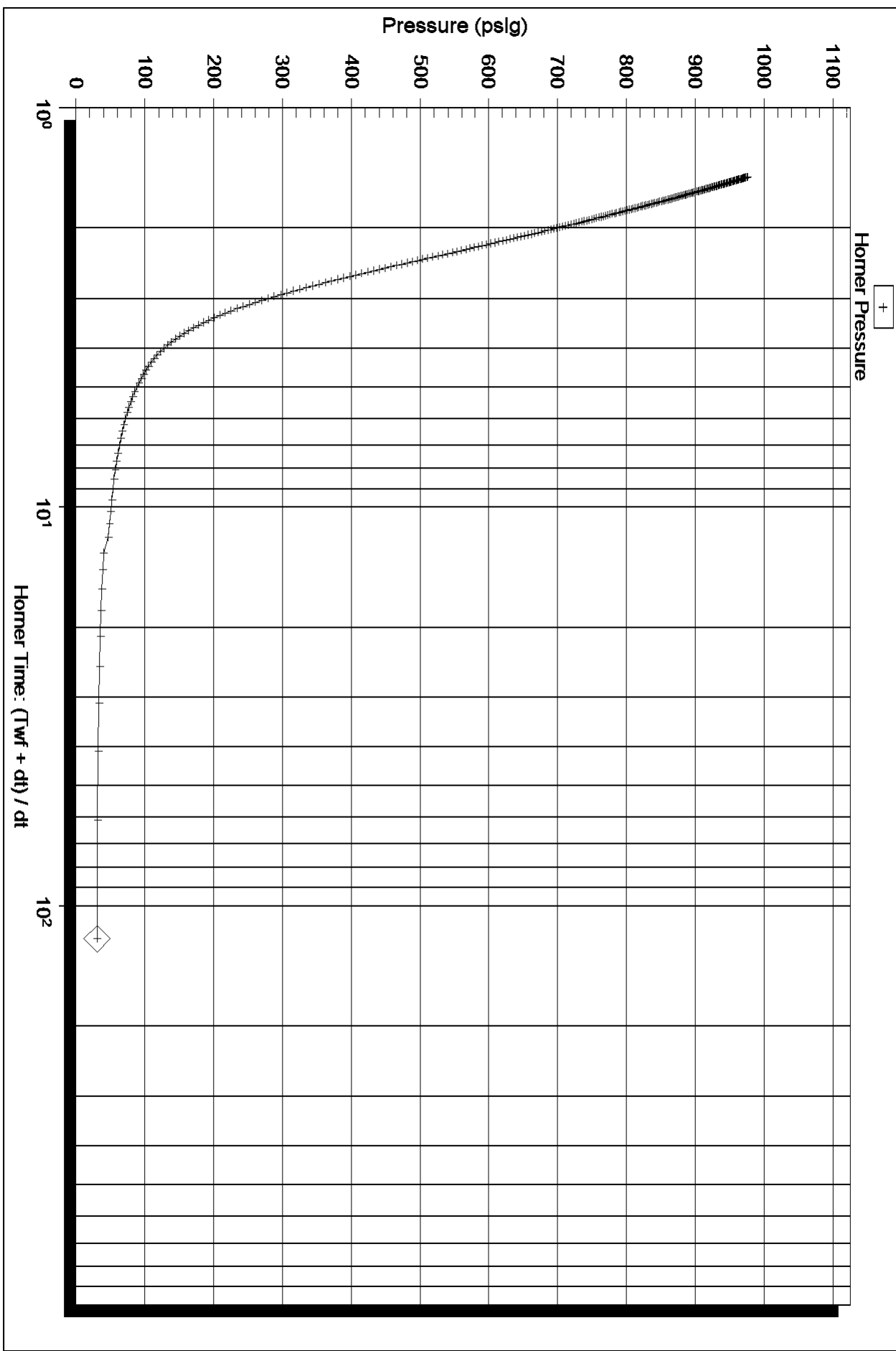
Serial Number: 8671 (Inside)

P\* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

### Horner Plot



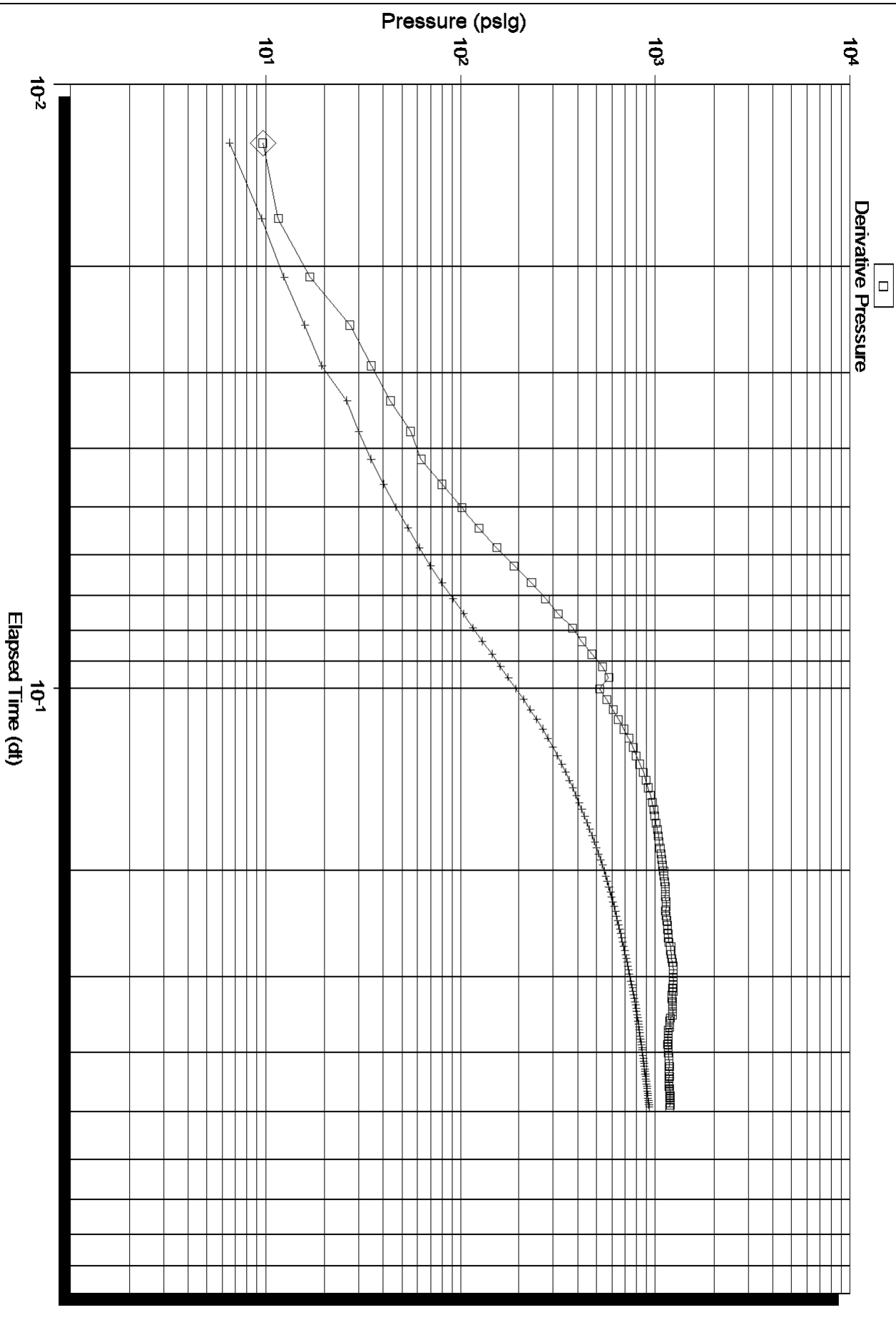
Serial Number: 8671 (Inside)

P\* :

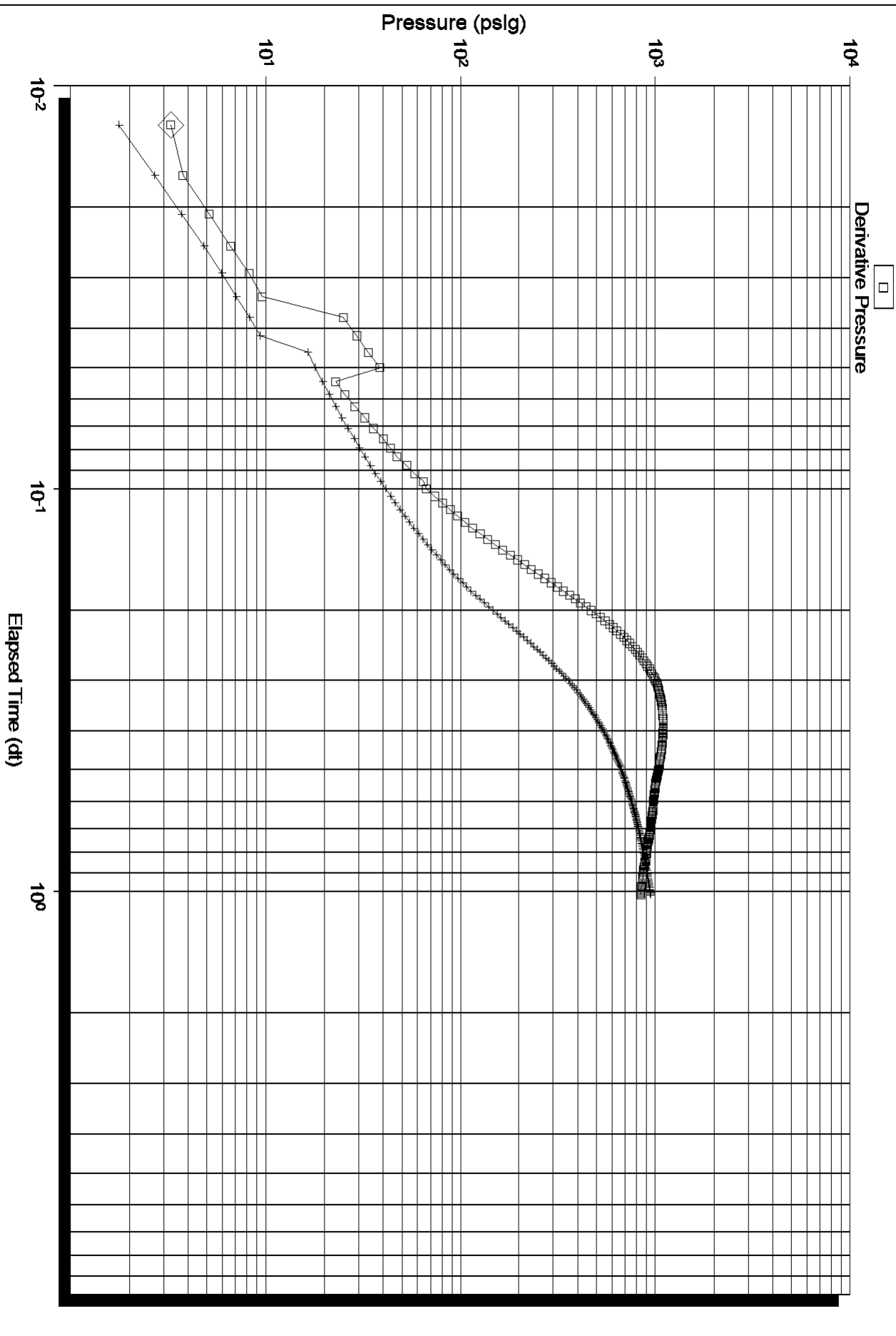
Slope (m) : kpa/log cycle

Flow Cycle: 2

# Log-Log and Pseudo-Derivative



# Log-Log and Pseudo-Derivative







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production, LLC.

**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55090

**DST#: 3**

ATTN: Justin Carter

Test Start: 2013.09.26 @ 23:20:00

## GENERAL INFORMATION:

Formation: **LKC "J"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 01:15:15  
 Tester: James Winder  
 Time Test Ended: 06:22:15  
 Unit No: 57  
**Interval: 3934.00 ft (KB) To 4076.00 ft (KB) (TVD)**  
 Reference Elevations: 2803.00 ft (KB)  
 Total Depth: 4076.00 ft (KB) (TVD)  
 2798.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

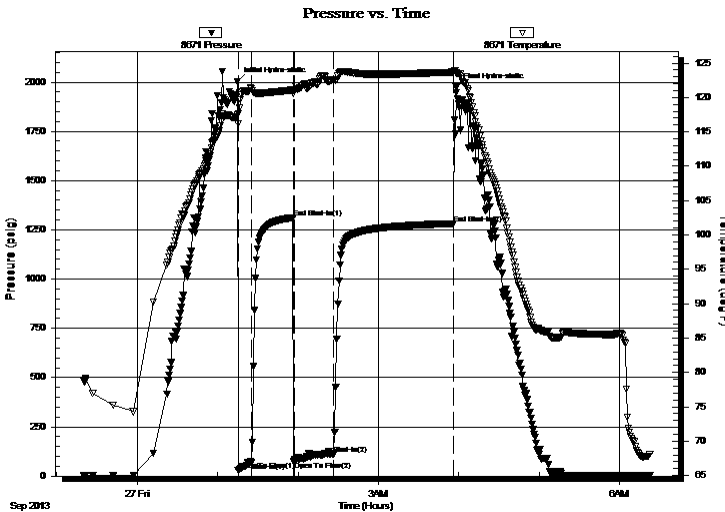
## Serial #: 8671

Inside

Press @ Run Depth: 113.21 psig @ 3935.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.09.26 End Date: 2013.09.27 Last Calib.: 2013.09.27  
 Start Time: 23:20:05 End Time: 06:22:14 Time On Btm: 2013.09.27 @ 01:15:00  
 Time Off Btm: 2013.09.27 @ 03:57:45

**TEST COMMENT:** 10 - IF: 3/4" Blow at open, built to 3 1/2"  
 30 - IS: No blow back  
 30 - FF: Blow built to 6 1/2" (some surging on both open blow s)  
 90 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.07	117.46	Initial Hydro-static
1	28.99	116.23	Open To Flow (1)
11	68.96	121.26	Shut-In(1)
42	1312.46	121.08	End Shut-In(1)
42	74.13	120.83	Open To Flow (2)
72	113.21	122.58	Shut-In(2)
162	1281.98	123.68	End Shut-In(2)
163	1973.70	123.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	SO/GWCM 65% <sub>m</sub> , 15% <sub>w</sub> , 8% <sub>o</sub> mix, 12% <sub>g</sub>	0.30
60.00	SOCGM 84% <sub>m</sub> , 13% <sub>g</sub> , 3% <sub>o</sub>	0.30
70.00	SOCM 96% <sub>m</sub> , 3% <sub>o</sub> , 1% <sub>g</sub>	0.98
0.00	6" of free oil on top	0.00
0.00	Sampler = 310 psi	0.00
0.00	S = 1500 mL 38% <sub>m</sub> , 23% <sub>g</sub> , 22% <sub>o</sub> mix,	70.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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**25/2s/30w Decatur KS**

10390 Bradford Rd. STE 201  
Littleton, CO 80127

**Stallman #2-25**

Job Ticket: 55090

**DST#: 3**

ATTN: Justin Carter

Test Start: 2013.09.26 @ 23:20:00

## 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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SO/GWCM 65% <i>m</i> , 15% <i>w</i> , 8% <i>o</i> mix, 12% <i>g</i>	0.305
60.00	SOCGM 84% <i>m</i> , 13% <i>g</i> , 3% <i>o</i>	0.295
70.00	SOCM 96% <i>m</i> , 3% <i>o</i> , 1% <i>g</i>	0.982
0.00	6" of free oil on top	0.000
0.00	Sampler = 310 psi	0.000
0.00	S = 1500 mL 38% <i>m</i> , 23% <i>g</i> , 22% <i>o</i> mix, 17% <i>w</i>	0.000

Total Length: 192.00 ft      Total Volume: 1.582 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

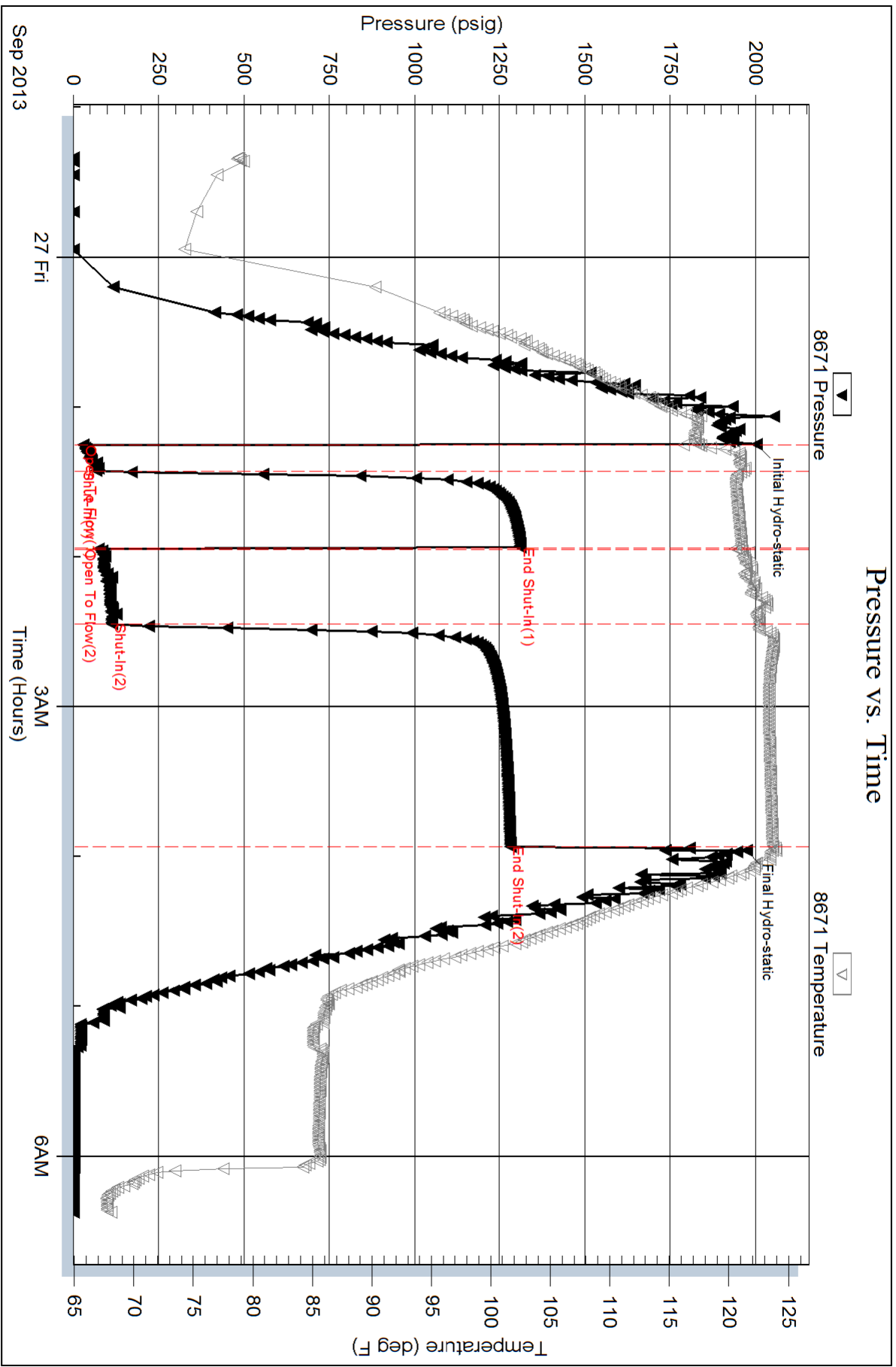
Laboratory Location:

Recovery Comments: 62' sample had oil mixture (oil, salt, mud)

Sampler = 310 psi

Sampler = 1500 mL 38%*m*, 23%*g*, 22% oil mixture (like in bottom collar), 17%*w*

No way to get a clean water sample for chloride check



JOB LOG

SWIFT Services, Inc.

DATE 9-27-13 PAGE NO. 1

CUSTOMER Cholla Production WELL NO. # 2-25 LEASE Stalman JOB TYPE 2-stage TICKET NO. 24949

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							on loc w/ FE.
								RTD 4109'
								5 1/2" x 15.5 x 4065 x 21'
								Cent 1, 3, 5, 7, 35, <del>74</del>
								Back 36, 74
								D.V. 3C @ 2575'
	1700	<del>5</del>	<del>7</del>					start FE
	1845	<del>5</del>	<del>7</del>					Break Circ.
	1915	<del>5</del> 2	7					Plug RH 30sk EA-2
	1920	5	0			200		start Mudflush 500 gal
		5	12/0			200		start 20661 KCL flush
	1938	5	20/0			200		start 125 EA-2 cement
	1944		30					End Cement
								wash P+L
								Drop L O Plug
	1958	6	0			200		start Displacement wtr
	2005	5	40			200		mud
	2012	5	75			300		KCL
	2017		96			850 1300		Land
								Release Pressure
								Floater Held
	2020							Drop Opening Plug
	2030					1100		Open DV
	2032	5	0			150		start, 35 sks SMD
	2100		130					End Cement
								Drop Plug
	2105	5	0			150		start Displacement
	2114	4	43			400		Line Cement
	2120		61			850 1500		Land Plug
								Release Pressure
								DV Closed
								circ 35sk to pit
								Thank you Nick, David & Craig

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



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<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

April 17, 2014

Emily Hundley-Goff  
Cholla Production, LLC  
10390 BRADFORD RD.  
SUITE 201  
LITTLETON, CO 80127

Re: ACO-1  
API 15-039-21187-00-00  
Stallman 2-25  
SE/4 Sec.25-02S-30W  
Decatur County, Kansas

Dear Emily Hundley-Goff:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/21/2013 and the ACO-1 was received on April 14, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department