



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

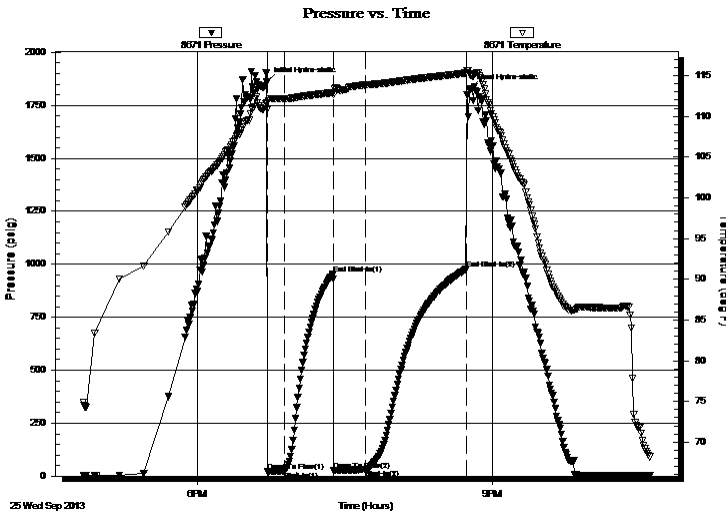
TEST COMMENT: 10 - IF: Blow built to 1/4"

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

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

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FLUID SUMMARY

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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 in³

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 bbl
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:

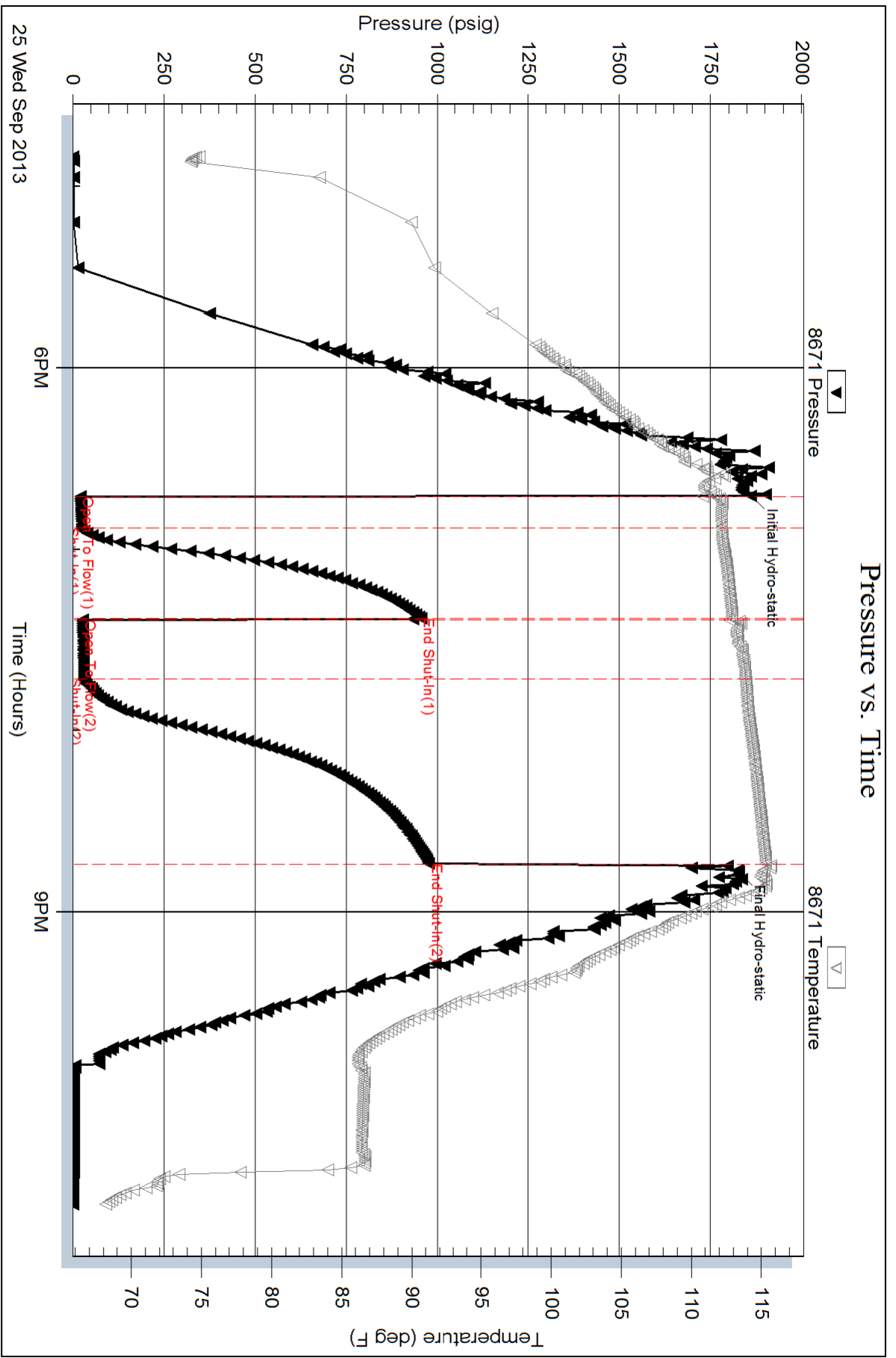
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Inside

Cholla Production, LLC.

Stallman #2-25

DST Test Number: 2

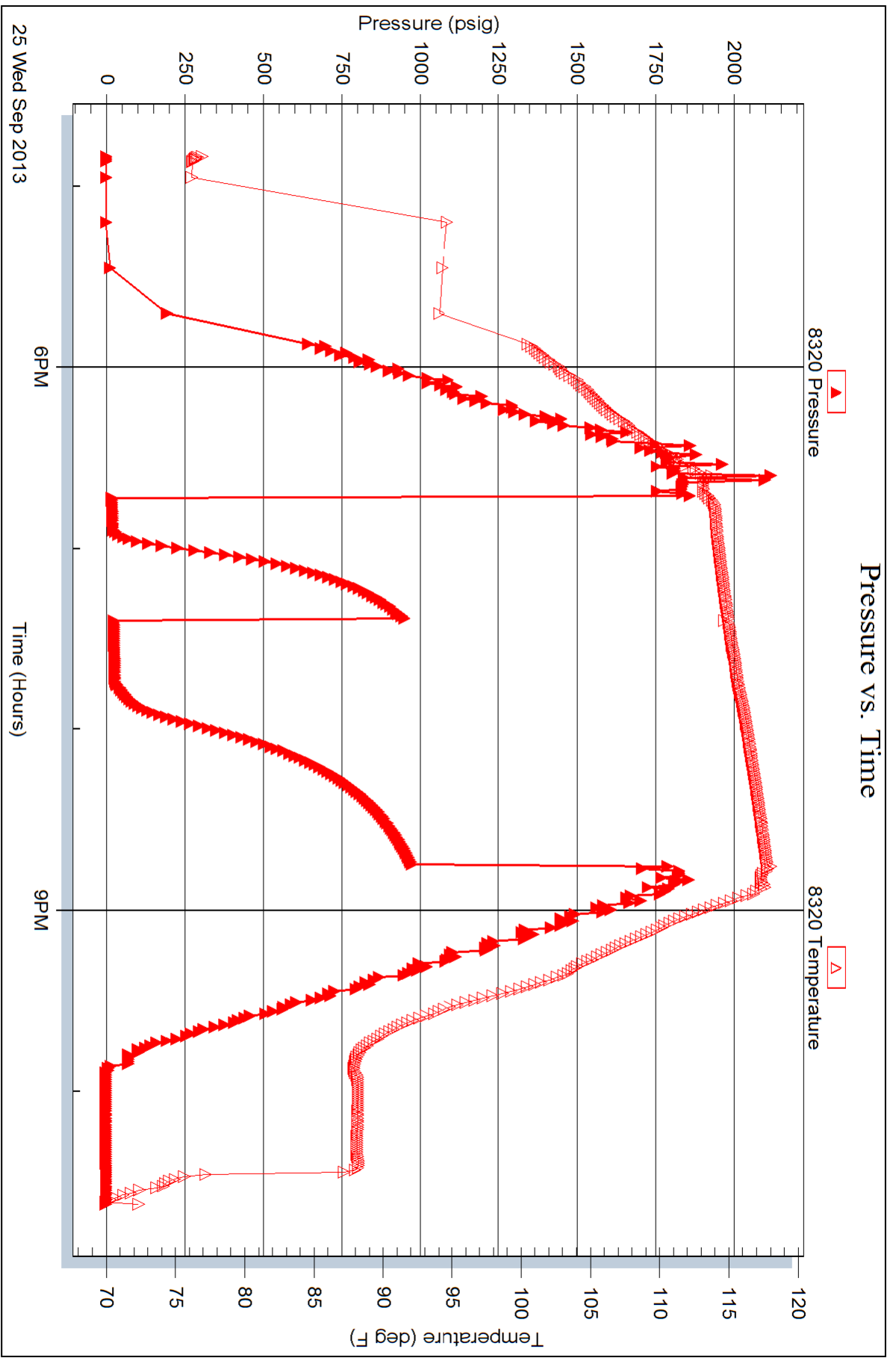


Serial #: 8320

Outside Cholla Production, LLC.

Stallman #2-25

DST Test Number: 2

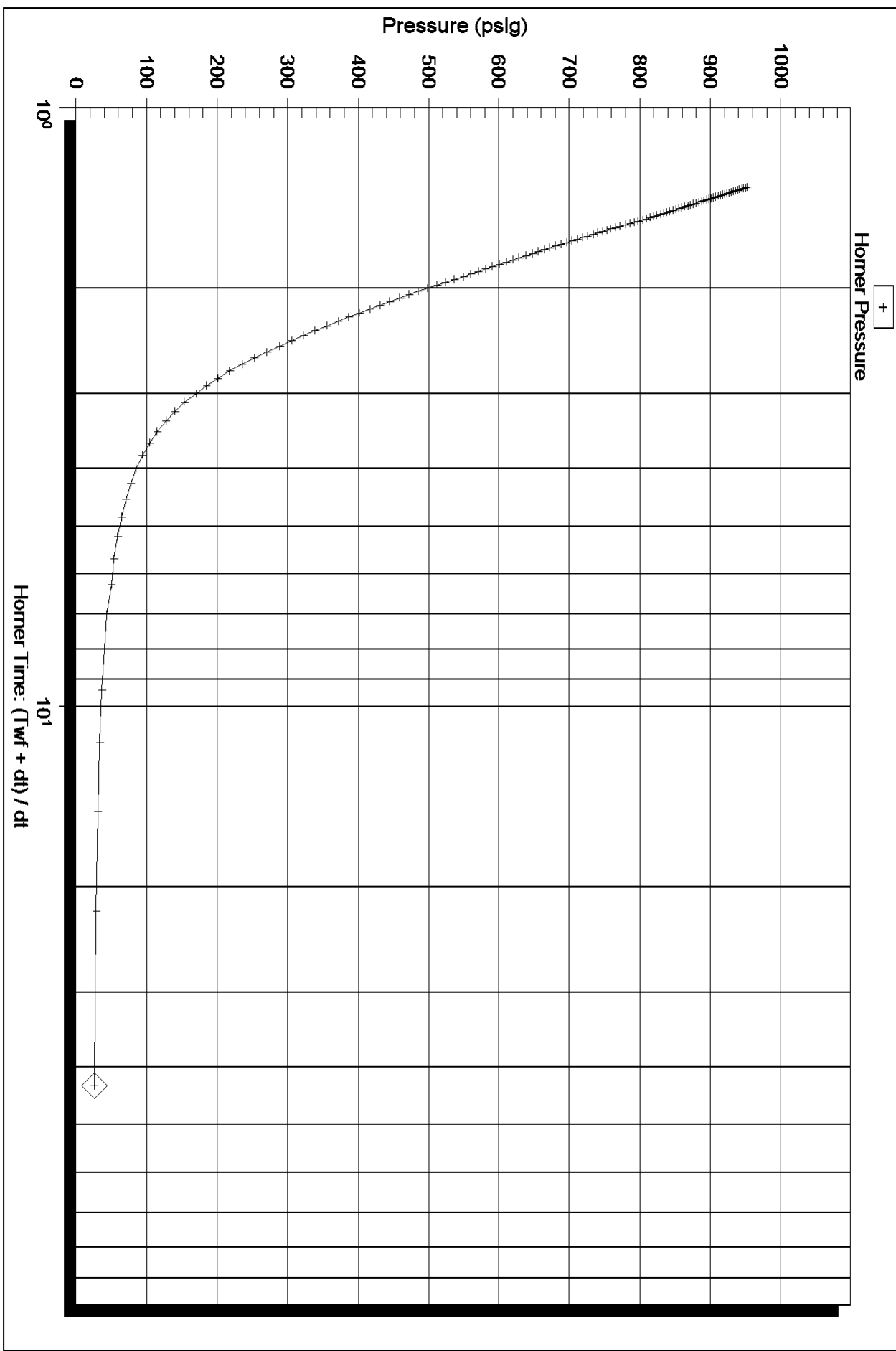


Trilobite Testing, Inc

Ref. No: 55089

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Horner Plot



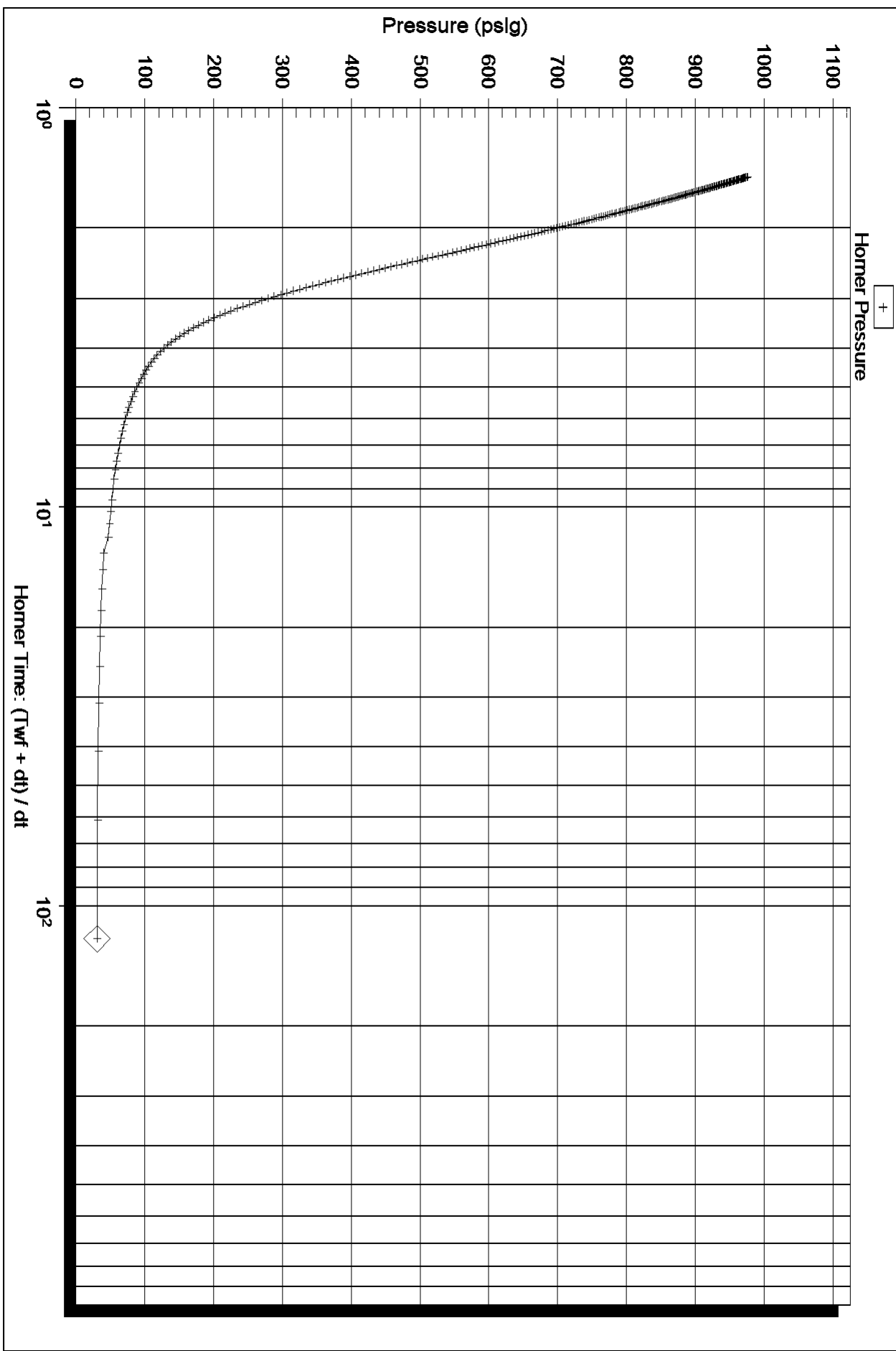
Serial Number: 8671 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



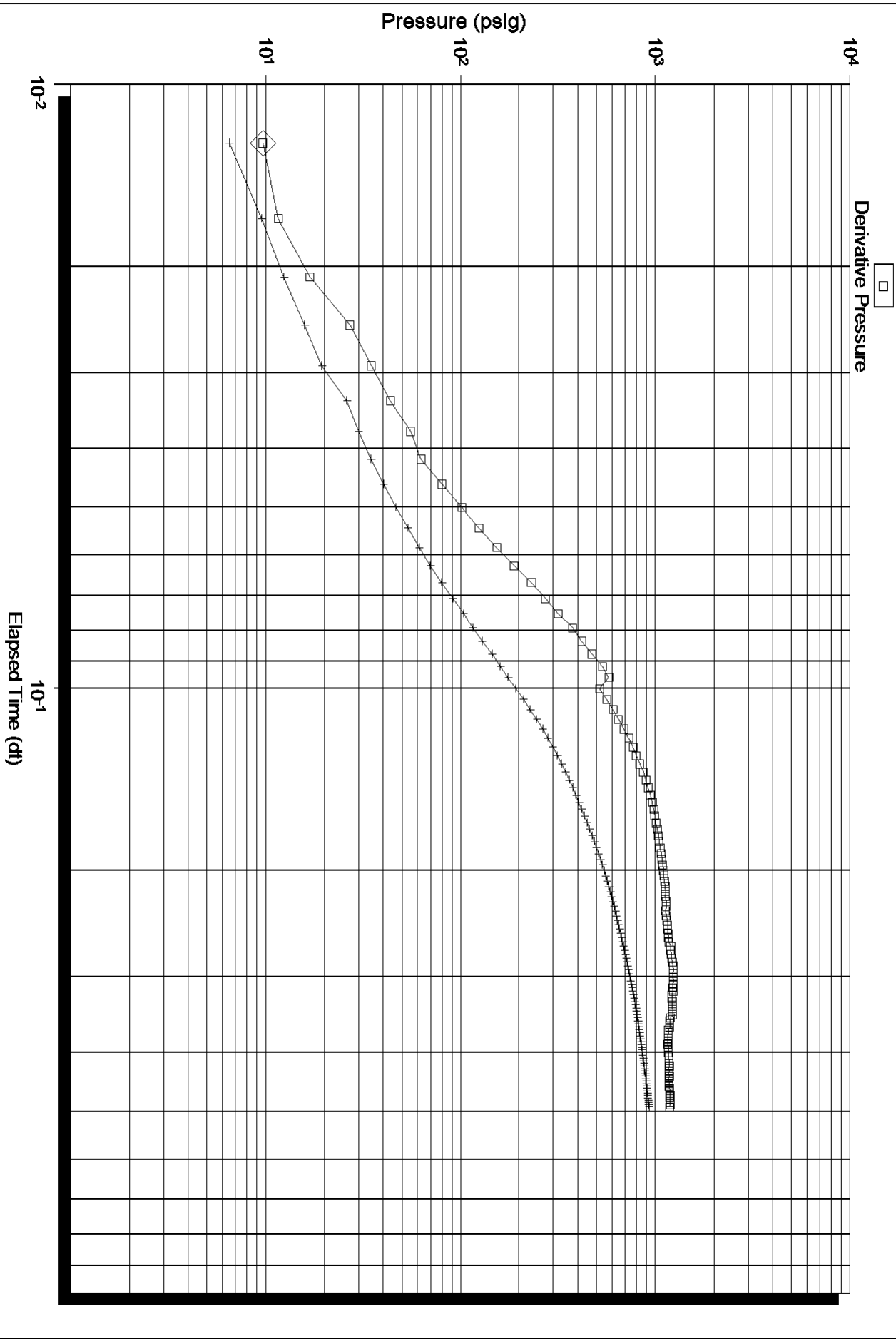
Serial Number: 8671 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative

