



DRILL STEM TEST REPORT

Prepared For: **Ares Energy**

405 N Marienfield Ste 250
Midland, TX 79701

ATTN: Justin Carter

McCandless 15-3

15-23S-13W Stafford

Start Date: 2014.01.26 @ 04:11:49

End Date: 2014.01.26 @ 14:35:34

Job Ticket #: 51951 DST #: 1

Trilobite Testing, Inc
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Printed: 2014.01.26 @ 18:23:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy
405 N Marienfield Ste 250
Midland, TX 79701
ATTN: Justin Carter

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Job Ticket: 51951 **DST#: 1**
Test Start: 2014.01.26 @ 04:11:49

Mud and Cushion Information

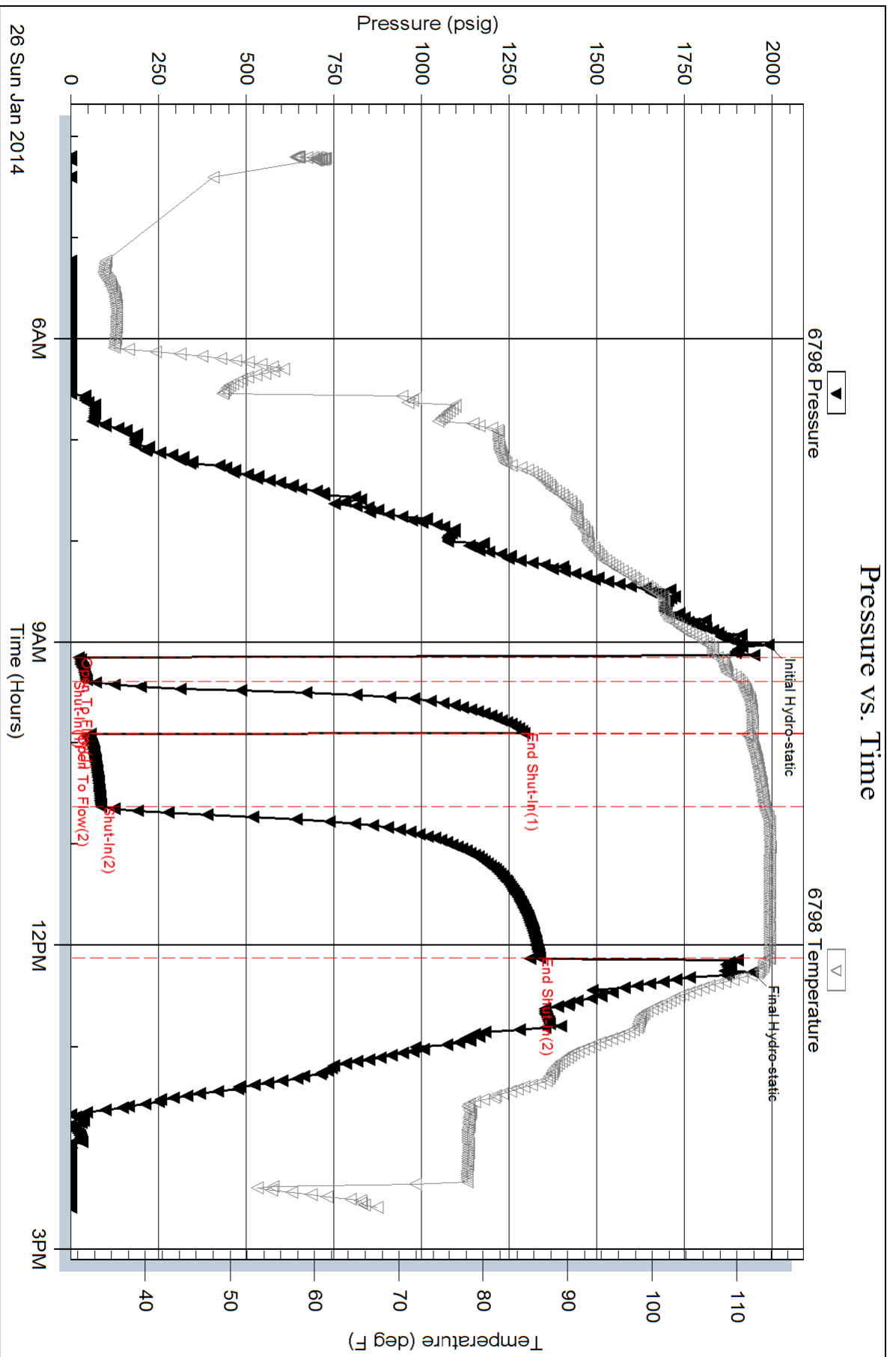
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: 0.02 inches			

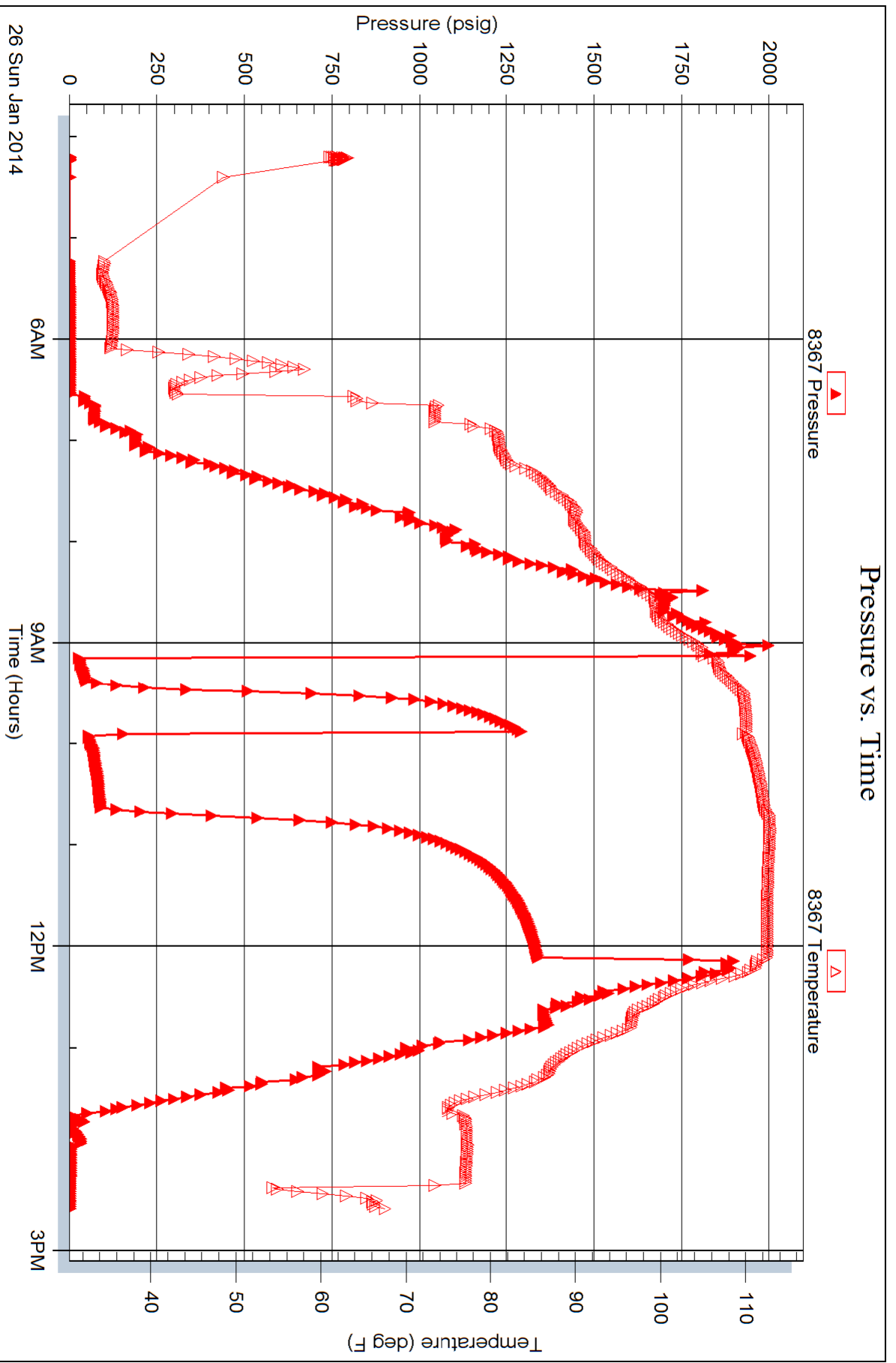
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2911 GIP	0.000
191.00	10%G 20%O 70%M	1.153

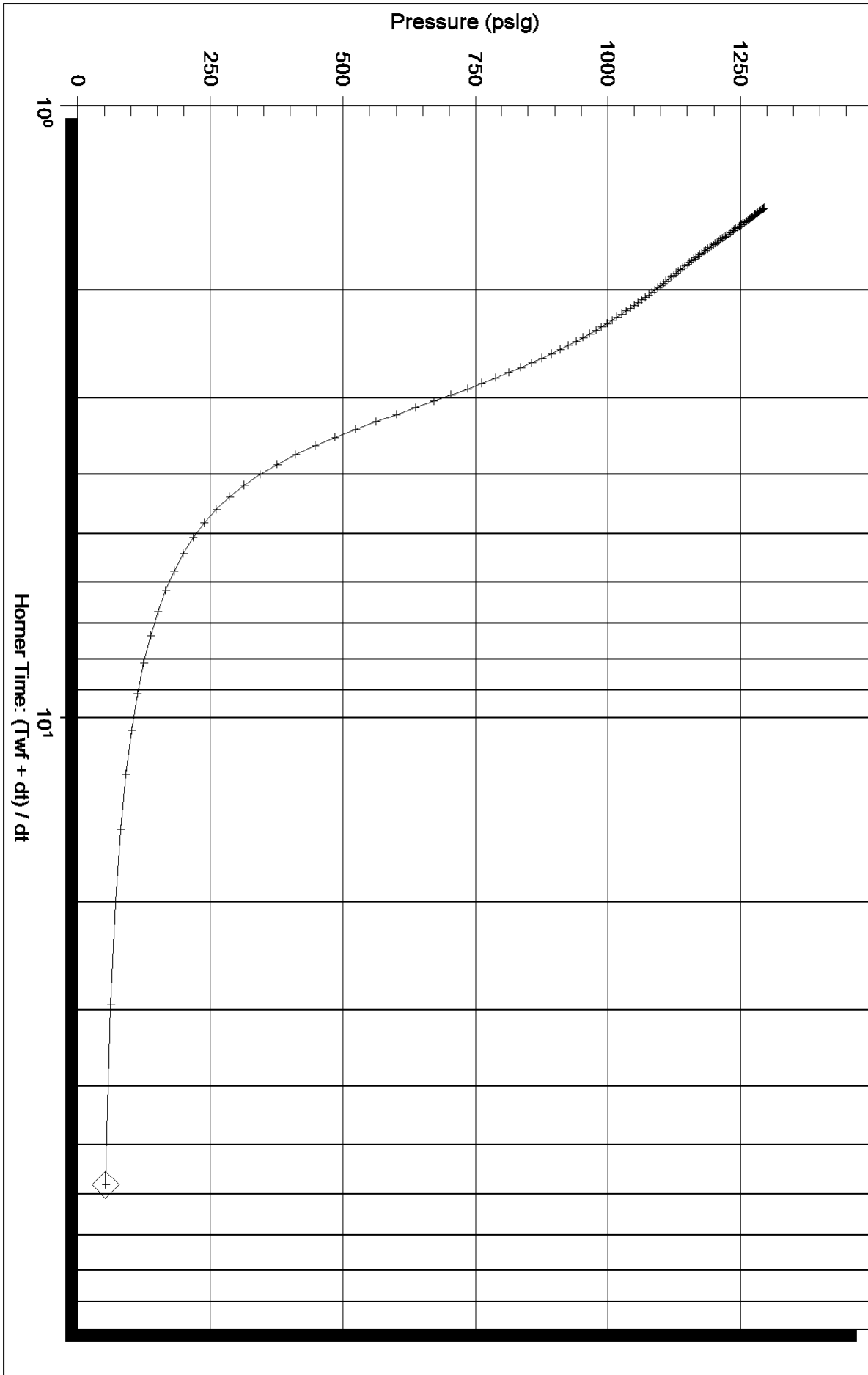
Total Length: 191.00 ft Total Volume: 1.153 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





Horner Plot

Horner Pressure



Serial Number: 6798 (Inside)

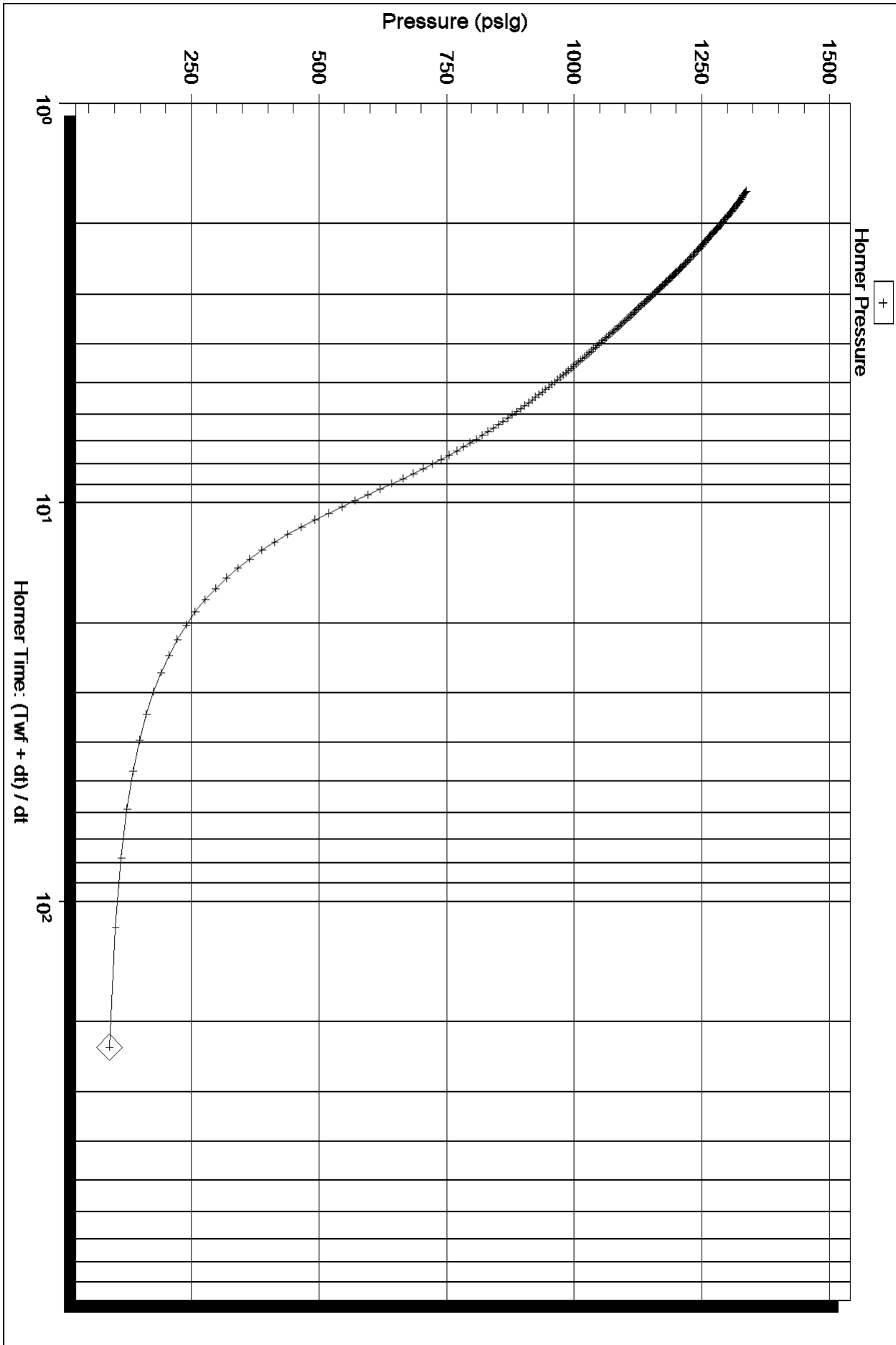
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Time: $(T_{wf} + dt) / dt$

Horner Plot



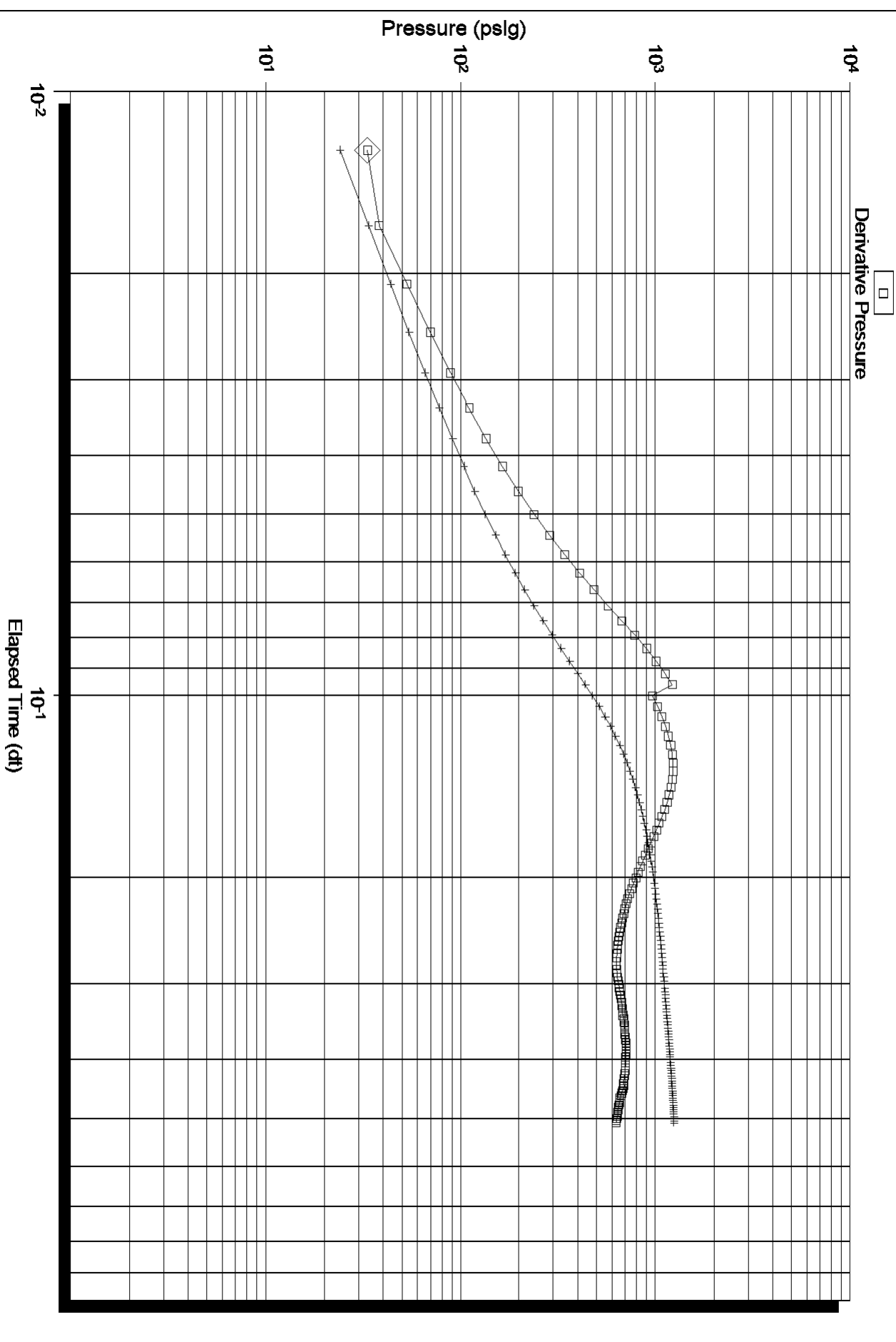
Serial Number: 6798 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative



Serial Number: 6798 (Inside)

Flow Cycle: 1

Log-Log and Pseudo-Derivative

