



DRILL STEM TEST REPORT

Prepared For: **Caerus Kansas, LLC**

PO Box 1378
Hays, KS. 67601

ATTN: Justin Carter

Mortimer #31-32B

31-17s-13w-Barton

Start Date: 2012.08.15 @ 17:27:17

End Date: 2012.08.15 @ 23:26:02

Job Ticket #: 47844 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.15 @ 23:42:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Caerus Kansas, LLC

31-17s-13w-Barton

PO Box 1378
Hays, KS. 67601

Mortimer #31-32B

ATTN: Justin Carter

Job Ticket: 47844

DST#: 1

Test Start: 2012.08.15 @ 17:27:17

GENERAL INFORMATION:

Formation: **LKC-A-C**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:05:47

Time Test Ended: 23:26:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 3122.00 ft (KB) To 3170.00 ft (KB) (TVD)

Reference Elevations: 1870.00 ft (KB)

Total Depth: 3170.00 ft (KB) (TVD)

1860.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 58.08 psig @ 3157.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.15

End Date:

2012.08.15

Last Calib.:

2012.08.15

Start Time:

17:27:19

End Time:

23:26:02

Time On Btm:

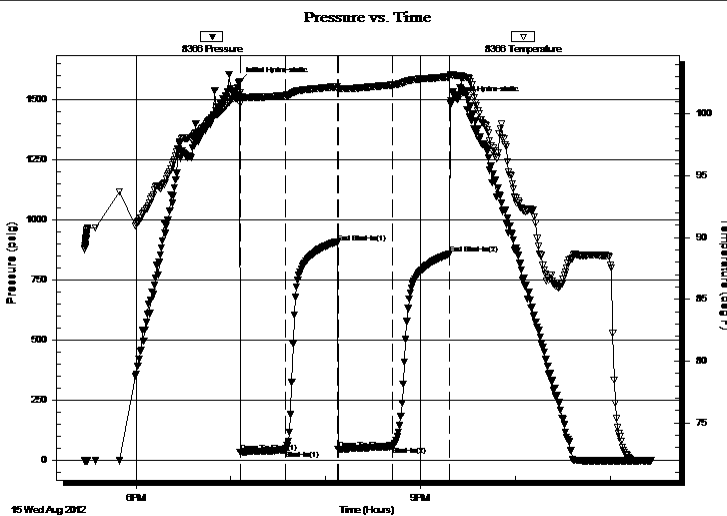
2012.08.15 @ 19:05:32

Time Off Btm:

2012.08.15 @ 21:19:17

TEST COMMENT: IFP-Weak Blow , Built to 1"
ISI-Dead
FFP-Weak Blow , Built to 1"
FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.38	101.71	Initial Hydro-static
1	32.86	100.82	Open To Flow (1)
29	43.02	101.48	Shut-In(1)
62	903.06	102.19	End Shut-In(1)
63	46.25	101.92	Open To Flow (2)
97	58.08	102.32	Shut-In(2)
133	858.99	102.99	End Shut-In(2)
134	1495.61	103.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Muddy Water W/Oil Scum	0.42

Gas Rates

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



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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Caerus Kansas, LLC

31-17s-13w-Barton

PO Box 1378
Hays, KS. 67601

Mortimer #31-32B

Job Ticket: 47844

DST#: 1

ATTN: Justin Carter

Test Start: 2012.08.15 @ 17:27:17

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:

27000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Muddy Water W/Oil Scum	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

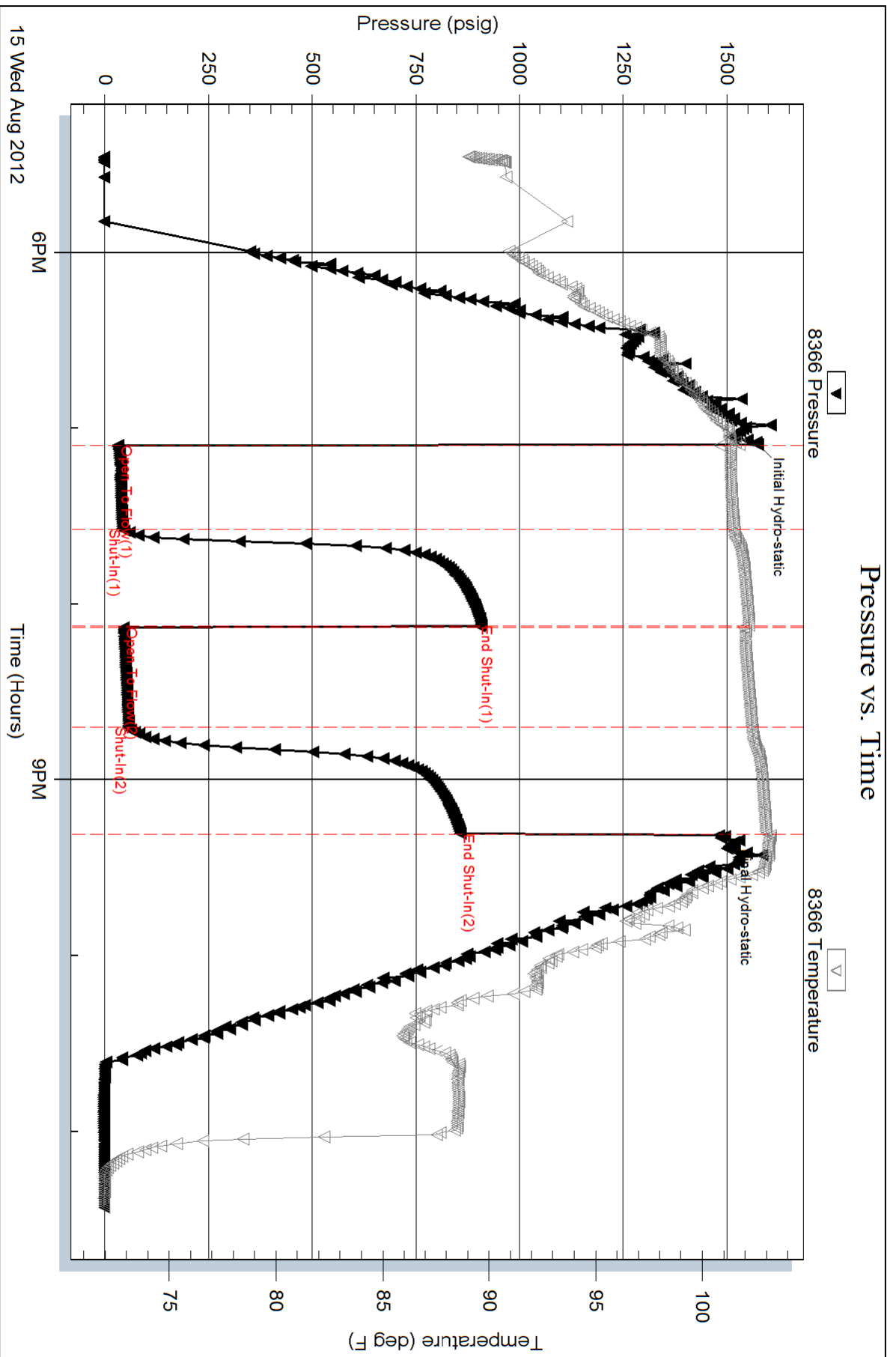
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



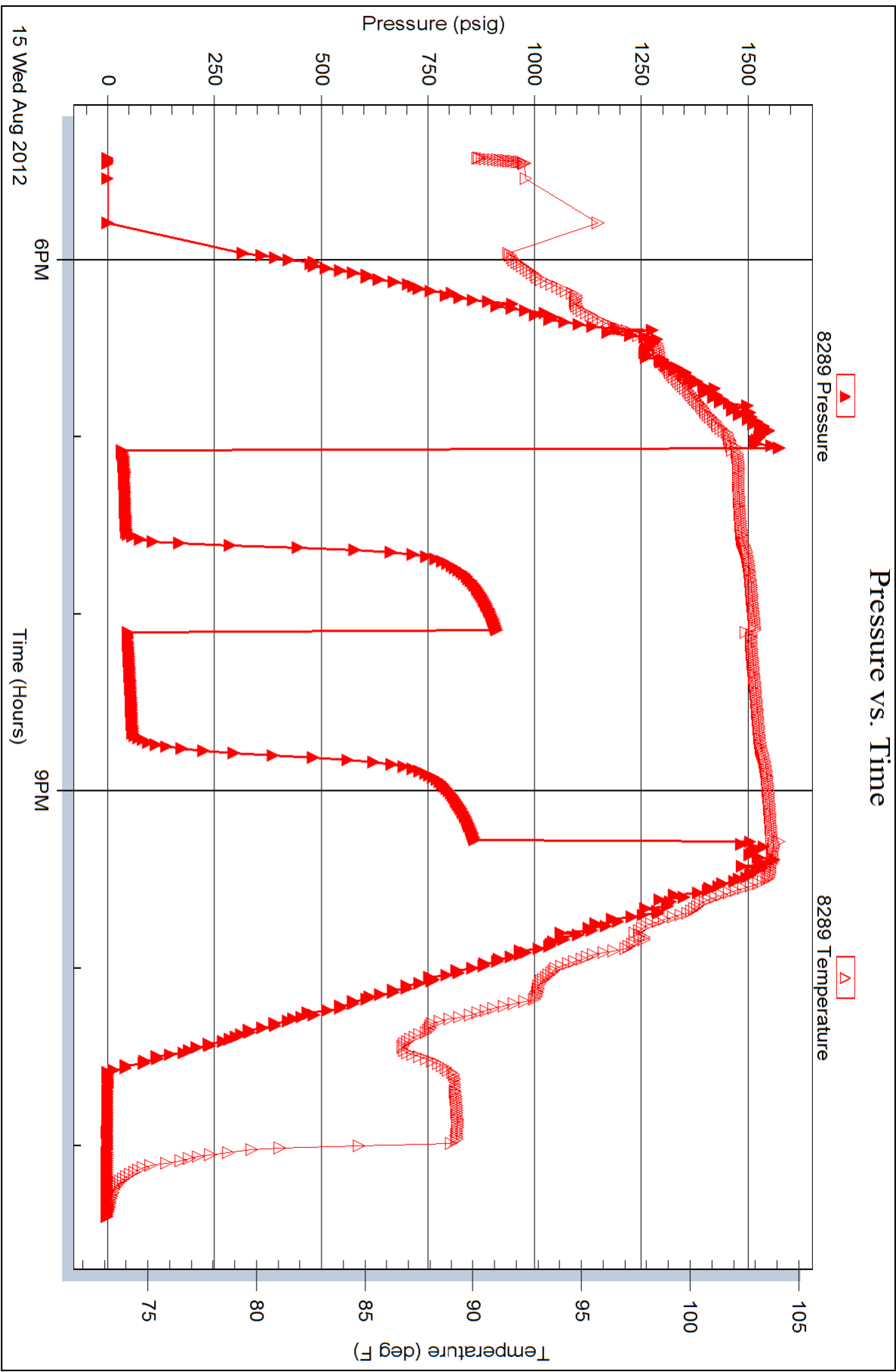
Serial #: 8289

Outside

Caerus Kansas, LLC

Mortimer #31-32B

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47844

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