



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Luke Thompson

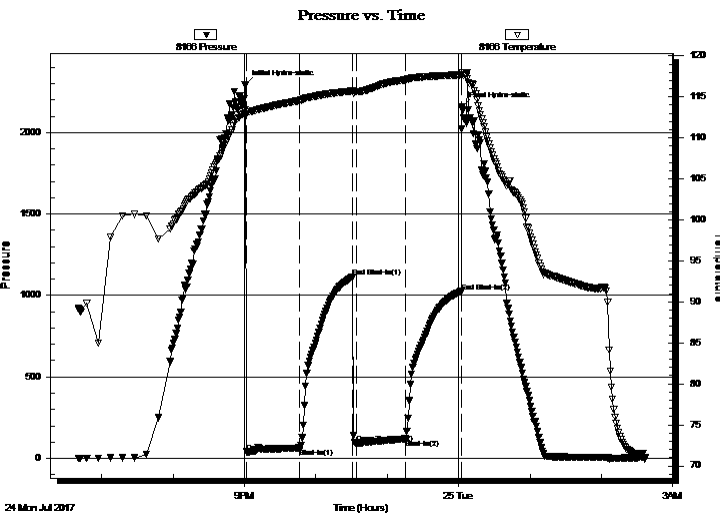
17-14s-35w Logan Ks
Fairchild 1-17
Job Ticket: 63859 **DST#: 2**
Test Start: 2017.07.24 @ 18:40:31

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:01:31
Time Test Ended: 02:37:01
Interval: **4403.00 ft (KB) To 4470.00 ft (KB) (TVD)**
Total Depth: 4470.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 3227.00 ft (KB)
3220.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8166 Outside
Press@RunDepth: 119.51 psig @ 4404.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.07.24 End Date: 2017.07.25 Last Calib.: 2017.07.25
Start Time: 18:40:36 End Time: 02:37:00 Time On Btm: 2017.07.24 @ 21:00:31
Time Off Btm: 2017.07.25 @ 00:03:01

TEST COMMENT: IF: 1/4 blow built to 7.
IS: No return.
FF: Surface blow built to 7.
FS: Surface blow built to 1/2.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.38	113.47	Initial Hydro-static
1	38.92	112.81	Open To Flow (1)
46	63.78	114.57	Shut-In(1)
91	1111.17	115.72	End Shut-In(1)
94	89.47	115.63	Open To Flow (2)
135	119.51	117.07	Shut-In(2)
182	1024.00	117.69	End Shut-In(2)
183	2158.79	117.89	Final Hydro-static

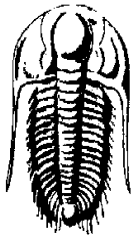
Recovery

Length (ft)	Description	Volume (bbl)
157.00	gocm 10%g 10%o 80%m	0.95
94.00	go 30%g 70%o	0.57
0.00	252 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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Fairchild 1-17

Job Ticket: 63859

DST#: 2

ATTN: Luke Thompson

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Time Test Ended: 02:37:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4403.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 3227.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

3220.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8875

Inside

Press@RunDepth: psig @ 4404.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.07.24

End Date:

2017.07.25

Last Calib.:

2017.07.25

Start Time: 18:40:32

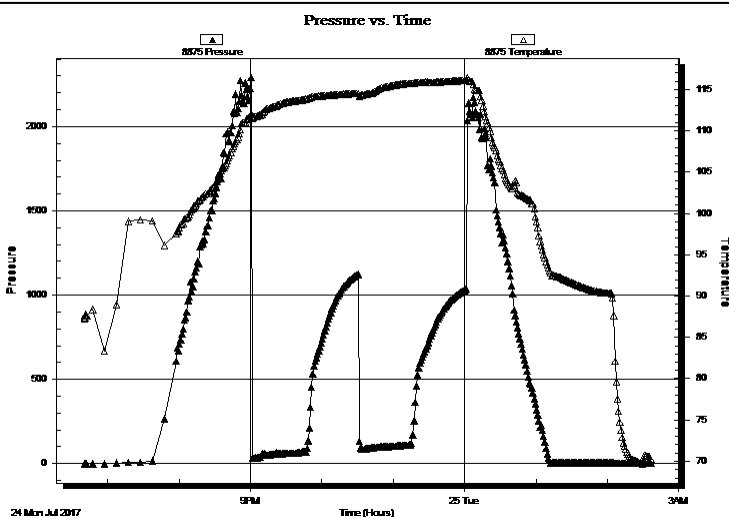
End Time:

02:36:56

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/4 blow built to 7.
IS: No return.
FF: Surface blow built to 7.
FS: Surface blow built to 1/2.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
157.00	gocm 10%g 10%o 80%m	0.95
94.00	go 30%g 70%o	0.57
0.00	252 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

17-14s-35w Logan Ks

P.O. Box 399
Garden City, KS 67846

Fairchild 1-17

Job Ticket: 63859

DST#: 2

ATTN: Luke Thompson

Test Start: 2017.07.24 @ 18:40:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
157.00	gocm 10%g 10%o 80%m	0.953
94.00	go 30%g 70%o	0.571
0.00	252 GIP	0.000

Total Length: 251.00 ft Total Volume: 1.524 bbl

Num Fluid Samples: 0

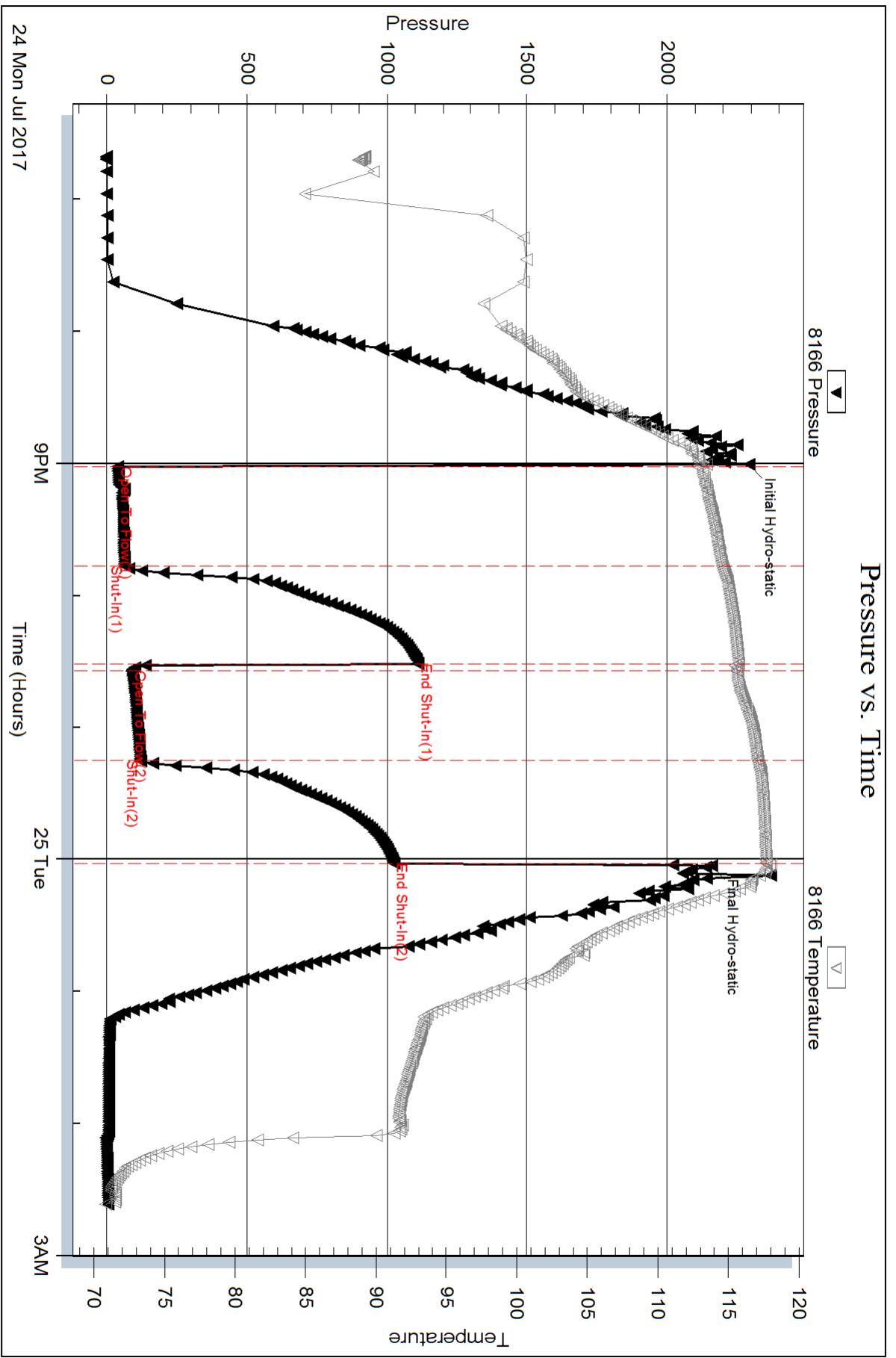
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 32@80=30



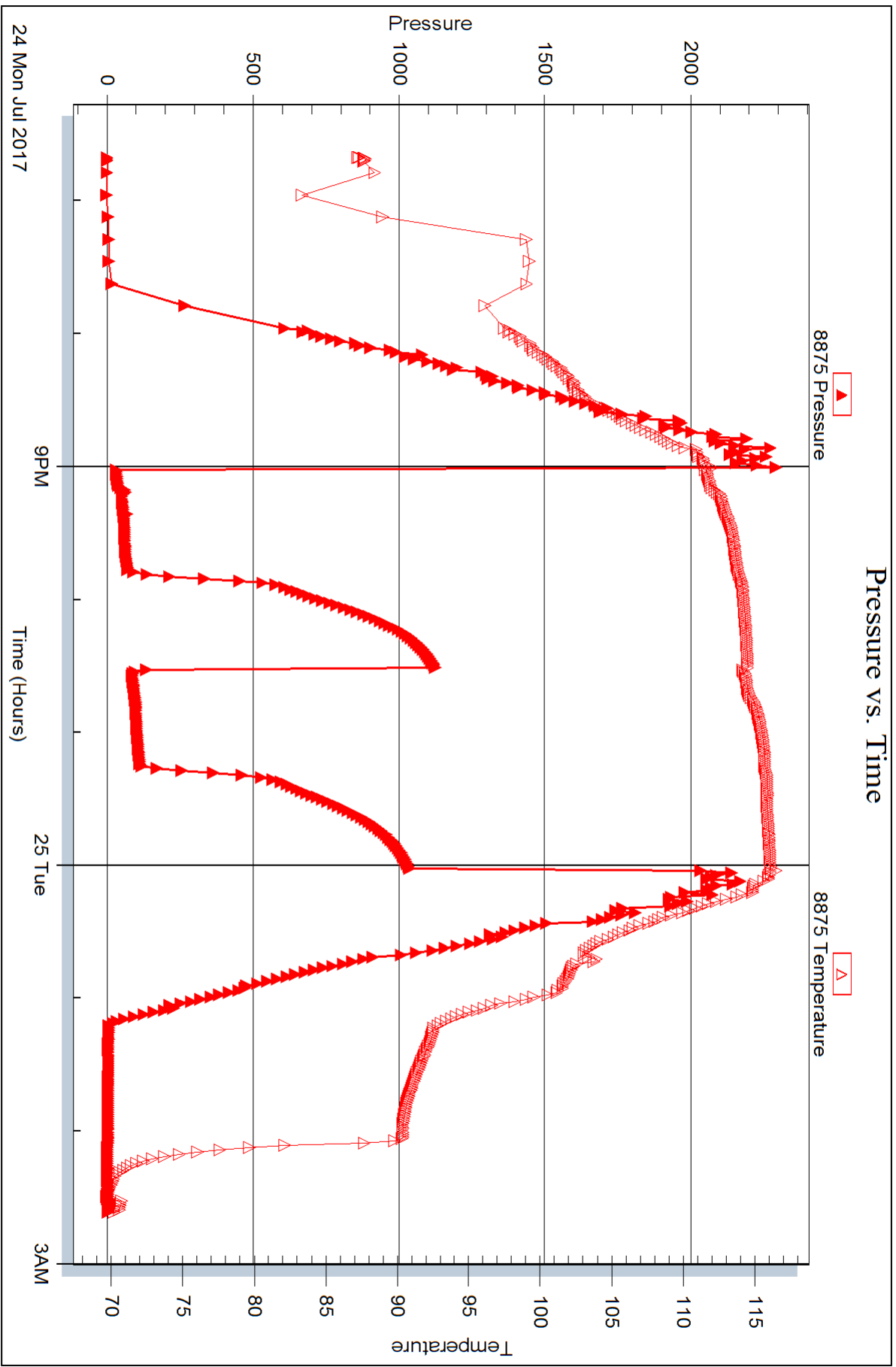
Serial #: 8875

Inside

American Warrior Inc

Fairchild 1-17

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 63859

Printed: 2017.07.25 @ 06:12:21