



## DRILL STEM TEST REPORT

Prepared For: **American Warrior. Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Luke Thompson

### **Ausmus Unit #1-7**

### **7-14s-35w Logan,KS**

Start Date: 2017.09.03 @ 23:27:00

End Date: 2017.09.04 @ 07:00:00

Job Ticket #: 64217                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.09.07 @ 15:02:33



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Luke Thompson

**7-14s-35w Logan, KS**

**Ausmus Unit #1-7**

Job Ticket: 64217      **DST#: 1**  
 Test Start: 2017.09.03 @ 23:27:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:02:30  
 Time Test Ended: 07:00:00  
 Interval: **4404.00 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 (Initial)  
 Tester: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 3222.00 ft (KB)  
 3214.00 ft (CF)  
 KB to GR/CF: 8.00 ft

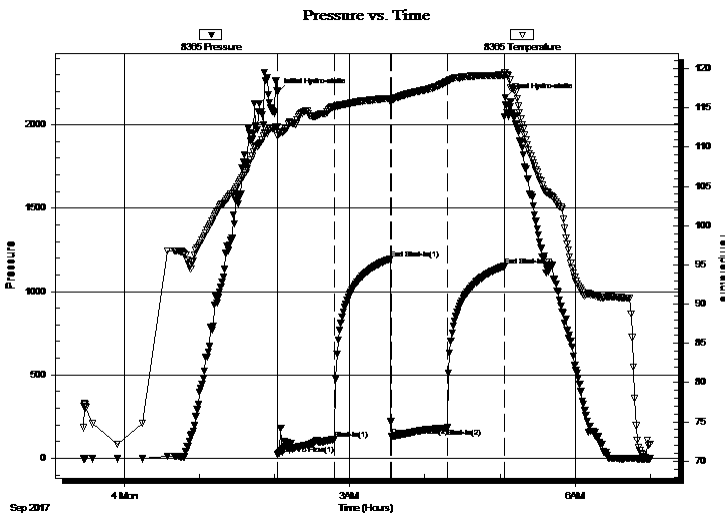
## Serial #: 8365

Inside

Press@RunDepth: 182.29 psig @ 4405.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2017.09.03      End Date: 2017.09.04      Last Calib.: 2017.09.04  
 Start Time: 23:27:05      End Time: 06:59:59      Time On Btm: 2017.09.04 @ 02:02:00  
 Time Off Btm: 2017.09.04 @ 05:04:15

TEST COMMENT: IF: 9" blow.  
 IS: No return.  
 FF: 6" blow.  
 FS: No return.

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2195.40         | 112.60       | Initial Hydro-static |
| 1           | 24.28           | 111.44       | Open To Flow (1)     |
| 46          | 113.66          | 115.06       | Shut-In(1)           |
| 91          | 1196.30         | 116.21       | End Shut-In(1)       |
| 92          | 131.39          | 115.98       | Open To Flow (2)     |
| 136         | 182.29          | 118.35       | Shut-In(2)           |
| 182         | 1150.85         | 119.17       | End Shut-In(2)       |
| 183         | 2161.48         | 119.53       | Final Hydro-static   |

## Recovery

| Length (ft) | Description              | Volume (bbl) |
|-------------|--------------------------|--------------|
| 340.00      | w cm 30w 70m (oil spots) | 2.70         |
|             |                          |              |
|             |                          |              |
|             |                          |              |
|             |                          |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**7-14s-35w Logan, KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64217

**DST#: 1**

ATTN: Luke Thompson

Test Start: 2017.09.03 @ 23:27:00

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4076.00 ft | Diameter: 3.80 inches | Volume: 57.18 bbl              | Tool Weight: 2500.00 lb            |
| Heavy Wt. Pipe:           | Length: 310.00 ft  | Diameter: 2.75 inches | Volume: 2.28 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl               | Weight to Pull Loose: 75000.00 lb  |
|                           |                    |                       | <u>Total Volume: 59.46 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 9.00 ft            |                       |                                | String Weight: Initial 65000.00 lb |
| Depth to Top Packer:      | 4404.00 ft         |                       |                                | Final 65000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 66.00 ft           |                       |                                |                                    |
| Tool Length:              | 93.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

## Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub  | 1.00        |            |          | 4378.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4383.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4388.00    |                               |
| Jars             | 5.00        |            |          | 4393.00    |                               |
| Safety Joint     | 2.00        |            |          | 4395.00    |                               |
| Packer           | 5.00        |            |          | 4400.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4404.00    |                               |
| Stubb            | 1.00        |            |          | 4405.00    |                               |
| Recorder         | 0.00        | 8365       | Inside   | 4405.00    |                               |
| Recorder         | 0.00        | 8845       | Outside  | 4405.00    |                               |
| Perforations     | 29.00       |            |          | 4434.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4435.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4466.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4467.00    |                               |
| Bullnose         | 3.00        |            |          | 4470.00    | 66.00 Bottom Packers & Anchor |

**Total Tool Length: 93.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc

**7-14s-35w Logan, KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64217

**DST#: 1**

ATTN: Luke Thompson

Test Start: 2017.09.03 @ 23:27:00

### 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:

29000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description              | Volume<br>bbl |
|--------------|--------------------------|---------------|
| 340.00       | w cm 30w 70m (oil spots) | 2.698         |

Total Length: 340.00 ft      Total Volume: 2.899 bbl

Num Fluid Samples: 0

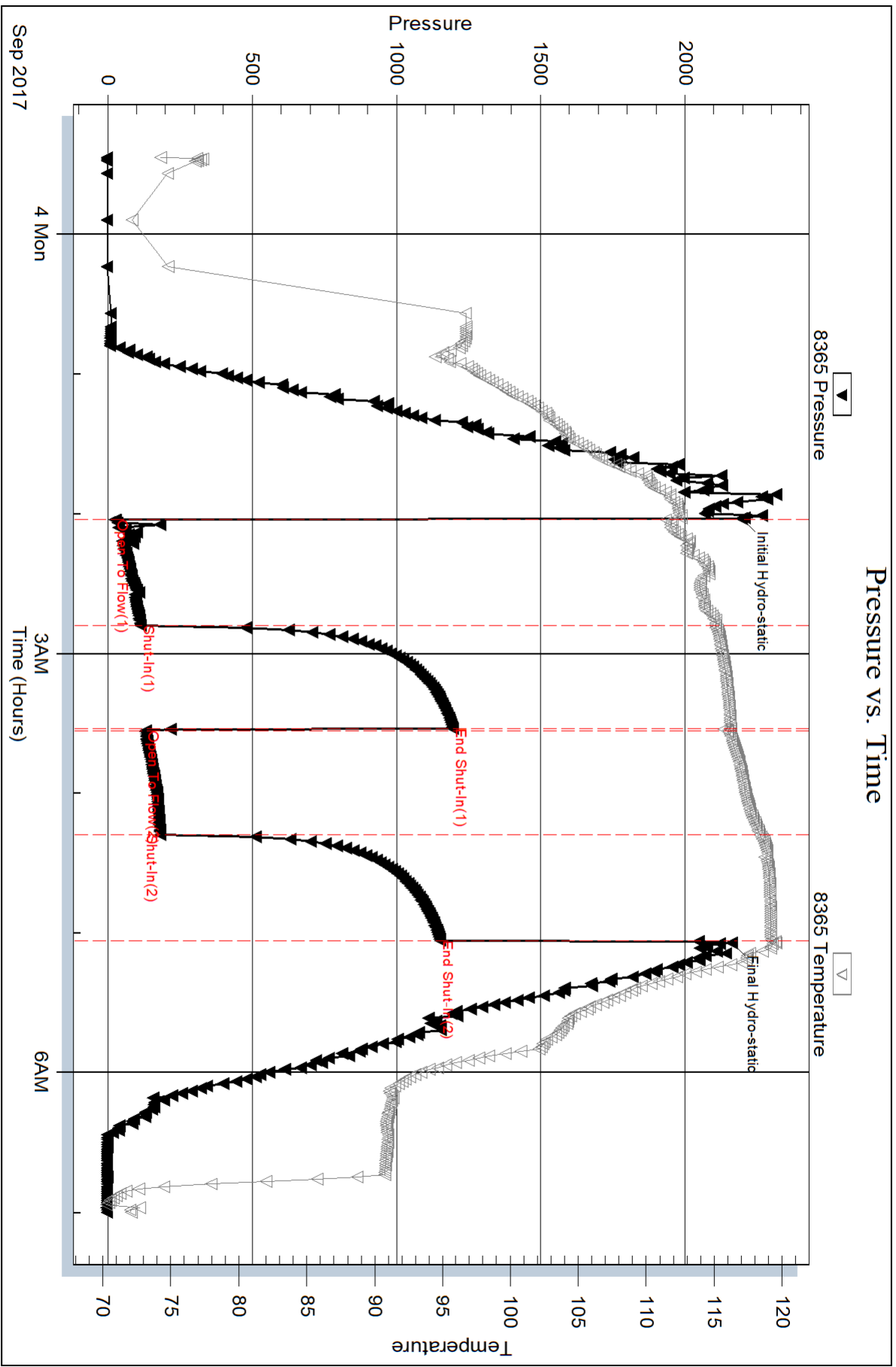
Num Gas Bombs: 0

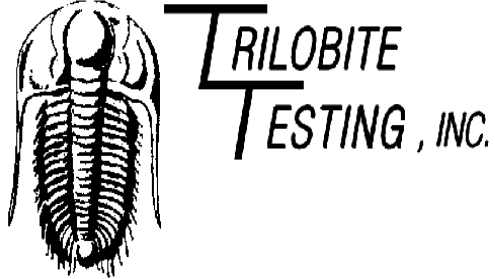
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .259 @ 63F = 29000ppm





## DRILL STEM TEST REPORT

Prepared For: **American Warrior. Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Luke Thompson

### **Ausmus Unit #1-7**

### **7-14s-35w Logan,KS**

Start Date: 2017.09.04 @ 07:58:00

End Date: 2017.09.04 @ 15:57:30

Job Ticket #: 64218                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.09.07 @ 14:37:19



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Luke Thompson

**7-14s-35w Logan, KS**

**Ausmus Unit #1-7**

Job Ticket: 64218      **DST#: 2**  
 Test Start: 2017.09.04 @ 07:58:00

## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:16:00  
 Time Test Ended: 15:57:30  
 Interval: **4070.00 ft (KB) To 4102.00 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: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 3222.00 ft (KB)  
 3214.00 ft (CF)  
 KB to GR/CF: 8.00 ft

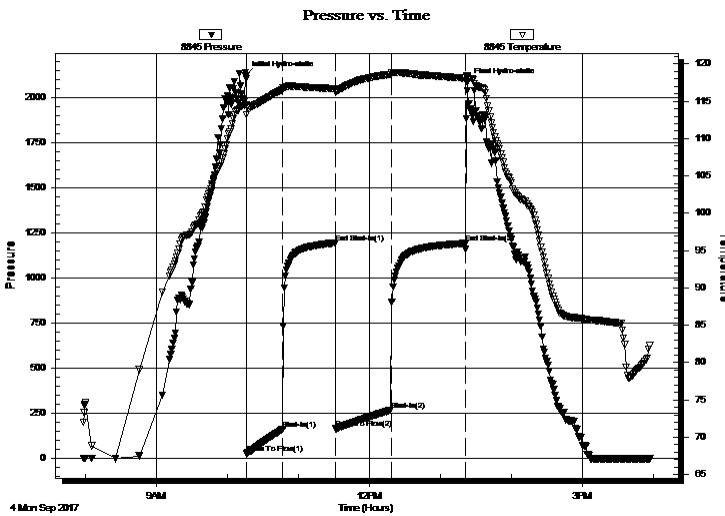
## Serial #: 8845

Inside

Press@RunDepth: 267.12 psig @ 4071.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2017.09.04      End Date: 2017.09.04      Last Calib.: 2017.09.04  
 Start Time: 07:58:05      End Time: 15:57:29      Time On Btm: 2017.09.04 @ 10:15:15  
 Time Off Btm: 2017.09.04 @ 13:22:15

TEST COMMENT: IF: BOB @ 14 min.  
 IS: No return.  
 FF: BOB @ 20 min.  
 FS: No return.

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2119.93         | 114.55       | Initial Hydro-static |
| 1           | 24.80           | 113.21       | Open To Flow (1)     |
| 32          | 160.07          | 116.57       | Shut-In(1)           |
| 76          | 1193.28         | 116.70       | End Shut-In(1)       |
| 76          | 163.74          | 116.25       | Open To Flow (2)     |
| 123         | 267.12          | 118.63       | Shut-In(2)           |
| 186         | 1190.38         | 118.10       | End Shut-In(2)       |
| 187         | 2082.74         | 118.38       | Final Hydro-static   |

## Recovery

| Length (ft) | Description             | Volume (bbl) |
|-------------|-------------------------|--------------|
| 470.00      | mcw 15m 85w (oil spots) | 4.52         |
|             |                         |              |
|             |                         |              |
|             |                         |              |
|             |                         |              |

\* Recovery from multiple tests

## Gas Rates

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









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**7-14s-35w Logan, KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64218

**DST#: 2**

ATTN: Luke Thompson

Test Start: 2017.09.04 @ 07:58:00

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 3764.00 ft | Diameter: 3.80 inches | Volume: 52.80 bbl              | Tool Weight: 2500.00 lb            |
| Heavy Wt. Pipe:           | Length: 310.00 ft  | Diameter: 2.75 inches | Volume: 2.28 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 55.08 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 24.00 ft           |                       |                                | String Weight: Initial 65000.00 lb |
| Depth to Top Packer:      | 4070.00 ft         |                       |                                | Final 67000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 400.00 ft          |                       |                                |                                    |
| Tool Length:              | 420.00 ft          |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |
| Tool Comments:            |                    |                       |                                |                                    |

## Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                     |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Change Over Sub  | 1.00        |            |          | 4051.00    |                                    |
| Shut In Tool     | 5.00        |            |          | 4056.00    |                                    |
| Hydraulic tool   | 5.00        |            |          | 4061.00    |                                    |
| Packer           | 5.00        |            |          | 4066.00    | 20.00 Bottom Of Top Packer         |
| Packer           | 4.00        |            |          | 4070.00    |                                    |
| Stubb            | 1.00        |            |          | 4071.00    |                                    |
| Recorder         | 0.00        | 8845       | Inside   | 4071.00    |                                    |
| Recorder         | 0.00        | 8365       | Outside  | 4071.00    |                                    |
| Perforations     | 27.00       |            |          | 4098.00    |                                    |
| Blank Off Sub    | 1.00        |            |          | 4099.00    | 400.00 Tool Interval               |
| Packer           | 3.00        |            |          | 4102.00    |                                    |
| Blank Spacing    | 1.00        |            |          | 4103.00    |                                    |
| Perforations     | 12.00       |            |          | 4115.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4116.00    |                                    |
| Recorder         | 0.00        | 8522       | Below    | 4116.00    |                                    |
| Drill Pipe       | 350.00      |            |          | 4466.00    |                                    |
| Change Over Sub  | 1.00        |            |          | 4467.00    |                                    |
| Bullnose         | 3.00        |            |          | 4470.00    | 1000419.00 Bottom Packers & Anchor |

**Total Tool Length: 420.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc

**7-14s-35w Logan,KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64218

**DST#: 2**

ATTN: Luke Thompson

Test Start: 2017.09.04 @ 07:58:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description             | Volume<br>bbl |
|--------------|-------------------------|---------------|
| 470.00       | mcw 15m 85w (oil spots) | 4.522         |

Total Length: 470.00 ft      Total Volume: 4.522 bbl

Num Fluid Samples: 0

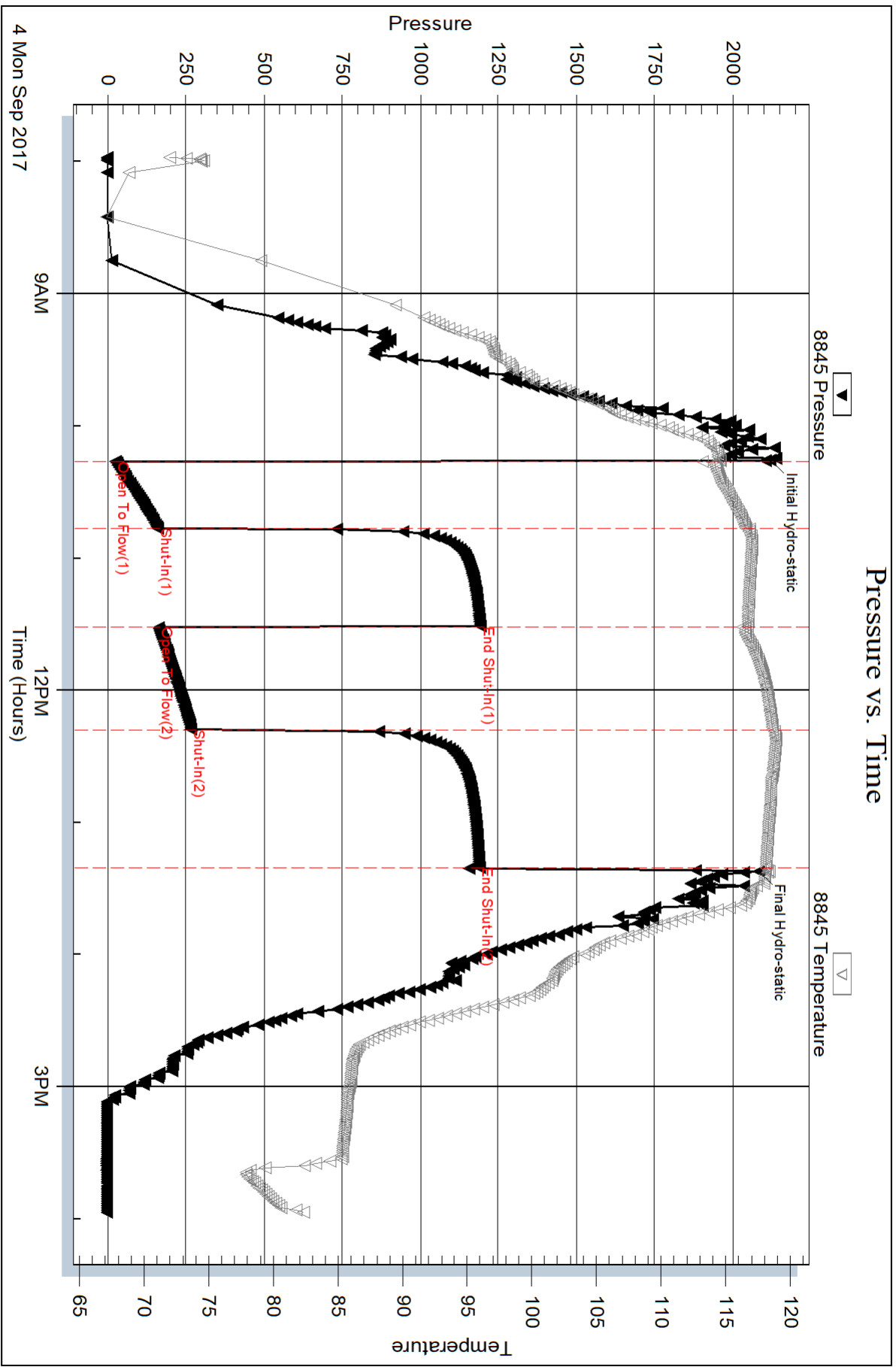
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .205 @ 74F = 37000ppm

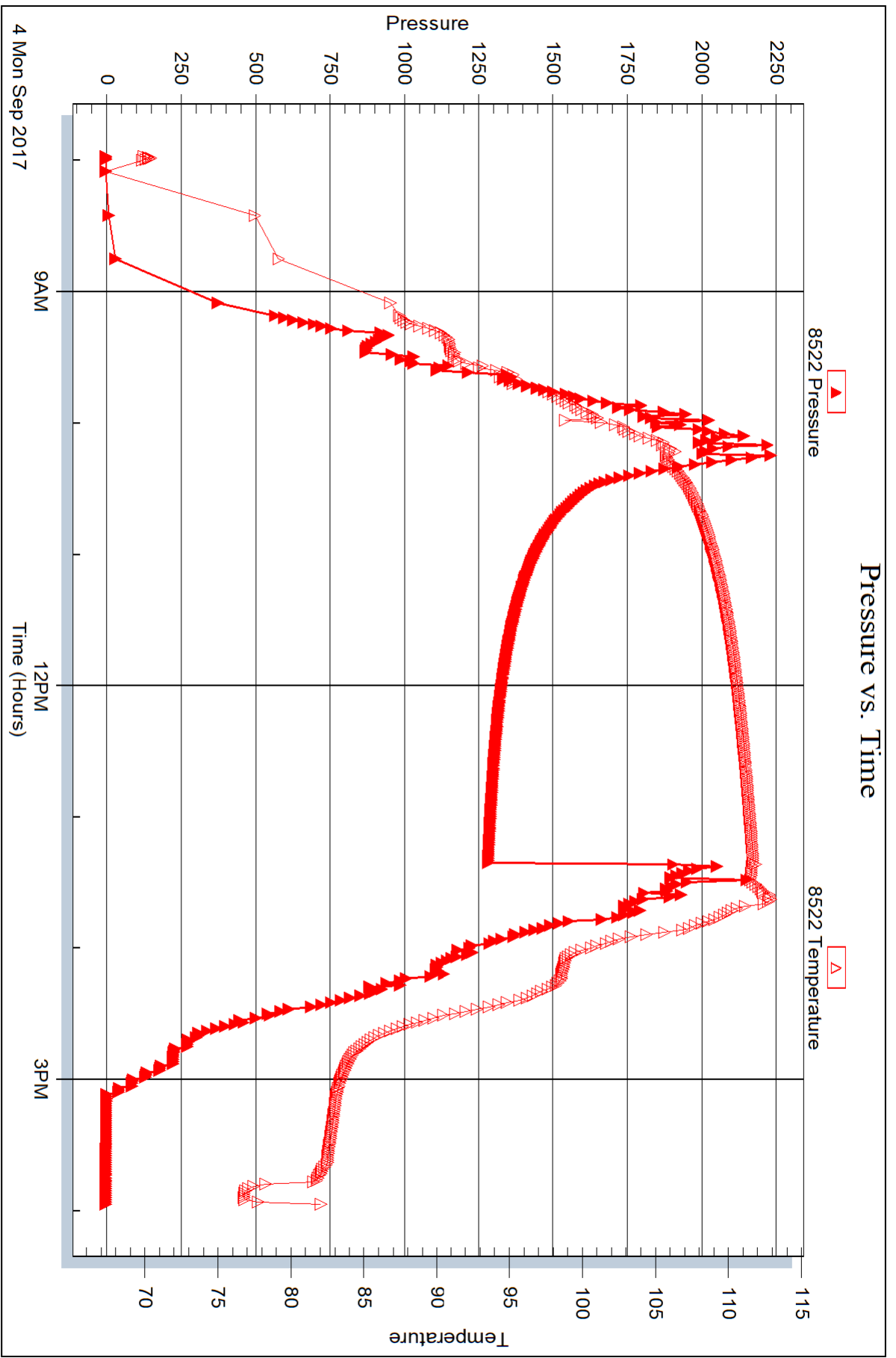


Serial #: 8522

Below (Strat) Warrior, Inc

Ausmus Unit #1-7

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 64218

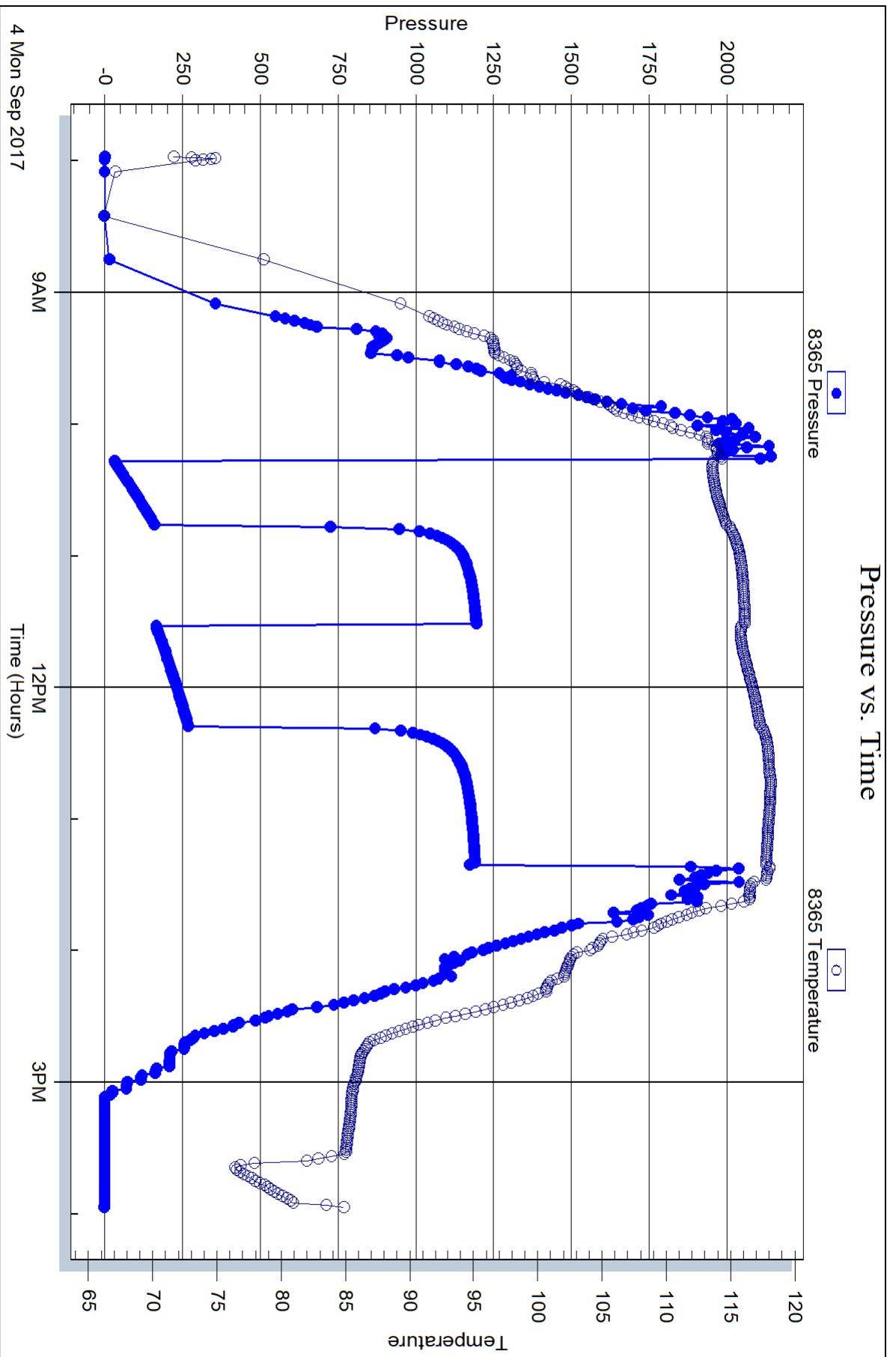
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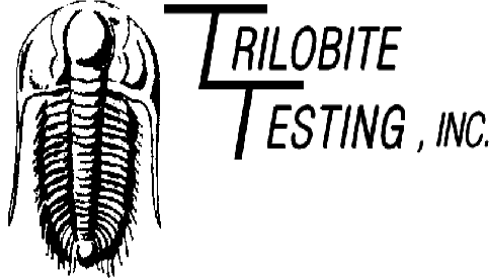
Serial #: 8365

Outside American Warrior, Inc

Ausmus Unit #1-7

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **American Warrior. Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Luke Thompson

### **Ausmus Unit #1-7**

### **7-14s-35w Logan,KS**

Start Date: 2017.09.05 @ 19:27:00

End Date: 2017.09.06 @ 01:54:30

Job Ticket #: 64219                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.09.07 @ 14:30:01









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**7-14s-35w Logan, KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64219

**DST#: 3**

ATTN: Luke Thompson

Test Start: 2017.09.05 @ 19:27:00

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4329.00 ft | Diameter: 3.80 inches | Volume: 60.72 bbl              | Tool Weight: 2500.00 lb            |
| Heavy Wt. Pipe:           | Length: 310.00 ft  | Diameter: 2.75 inches | Volume: 2.28 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 0.00 ft    | Diameter: 2.25 inches | Volume: 0.00 bbl               | Weight to Pull Loose: 75000.00 lb  |
|                           |                    |                       | <u>Total Volume: 63.00 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 33.00 ft           |                       |                                | String Weight: Initial 65000.00 lb |
| Depth to Top Packer:      | 4633.00 ft         |                       |                                | Final 65000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 71.00 ft           |                       |                                |                                    |
| Tool Length:              | 98.00 ft           |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

## Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub  | 1.00        |            |          | 4607.00    |                               |
| Shut In Tool     | 5.00        |            |          | 4612.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4617.00    |                               |
| Jars             | 5.00        |            |          | 4622.00    |                               |
| Safety Joint     | 2.00        |            |          | 4624.00    |                               |
| Packer           | 5.00        |            |          | 4629.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4633.00    |                               |
| Stubb            | 1.00        |            |          | 4634.00    |                               |
| Recorder         | 0.00        | 8365       | Inside   | 4634.00    |                               |
| Recorder         | 0.00        | 8845       | Outside  | 4634.00    |                               |
| Perforations     | 34.00       |            |          | 4668.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4669.00    |                               |
| Drill Pipe       | 31.00       |            |          | 4700.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4701.00    |                               |
| Bullnose         | 3.00        |            |          | 4704.00    | 71.00 Bottom Packers & Anchor |

**Total Tool Length: 98.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc

**7-14s-35w Logan, KS**

PO Box 399  
Garden City, KS 67846

**Ausmus Unit #1-7**

Job Ticket: 64219

**DST#: 3**

ATTN: Luke Thompson

Test Start: 2017.09.05 @ 19:27:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description          | Volume<br>bbl |
|--------------|----------------------|---------------|
| 5.00         | mud 100m (oil spots) | 0.037         |

Total Length: 5.00 ft      Total Volume: 0.037 bbl

Num Fluid Samples: 0

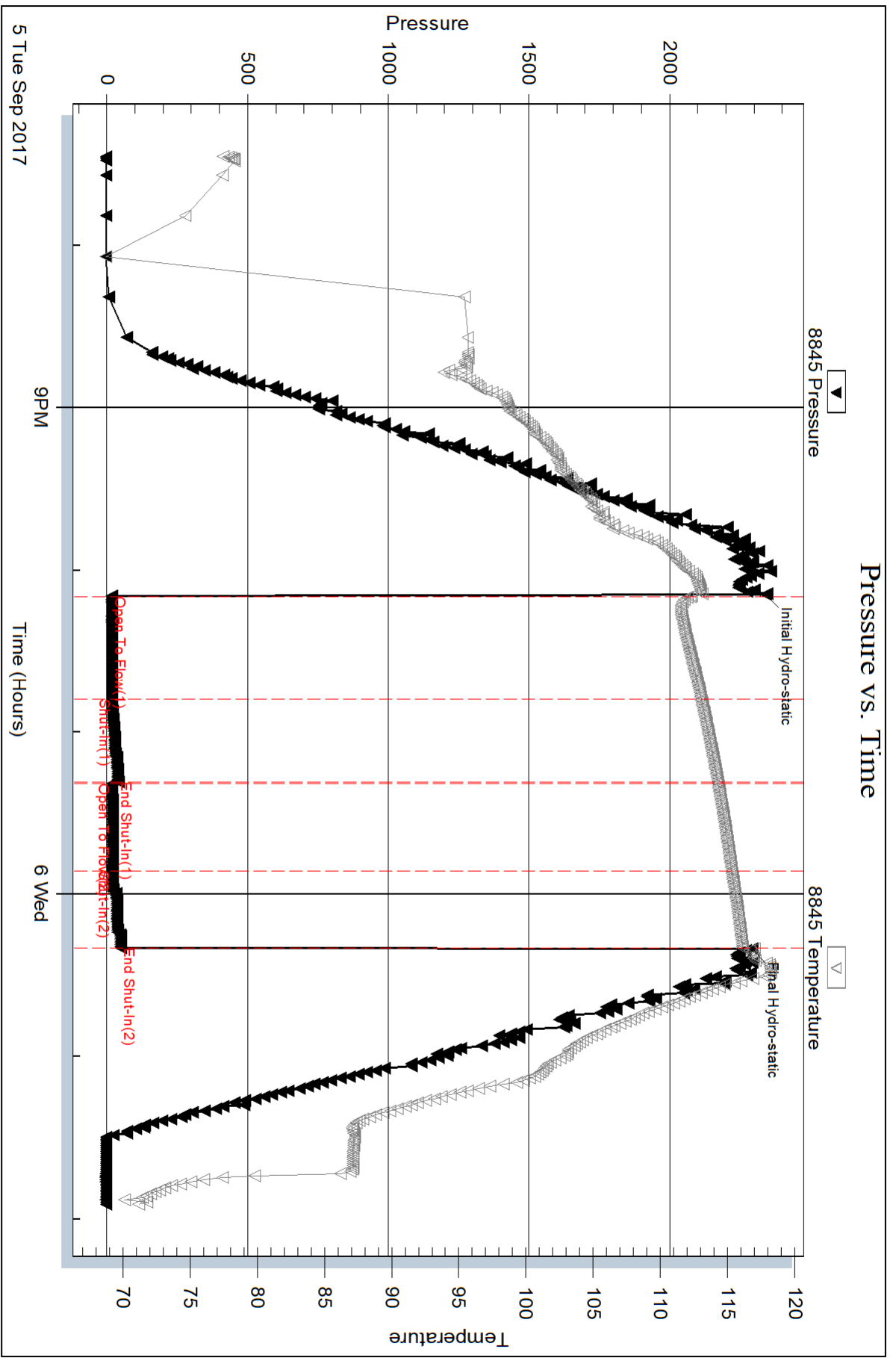
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



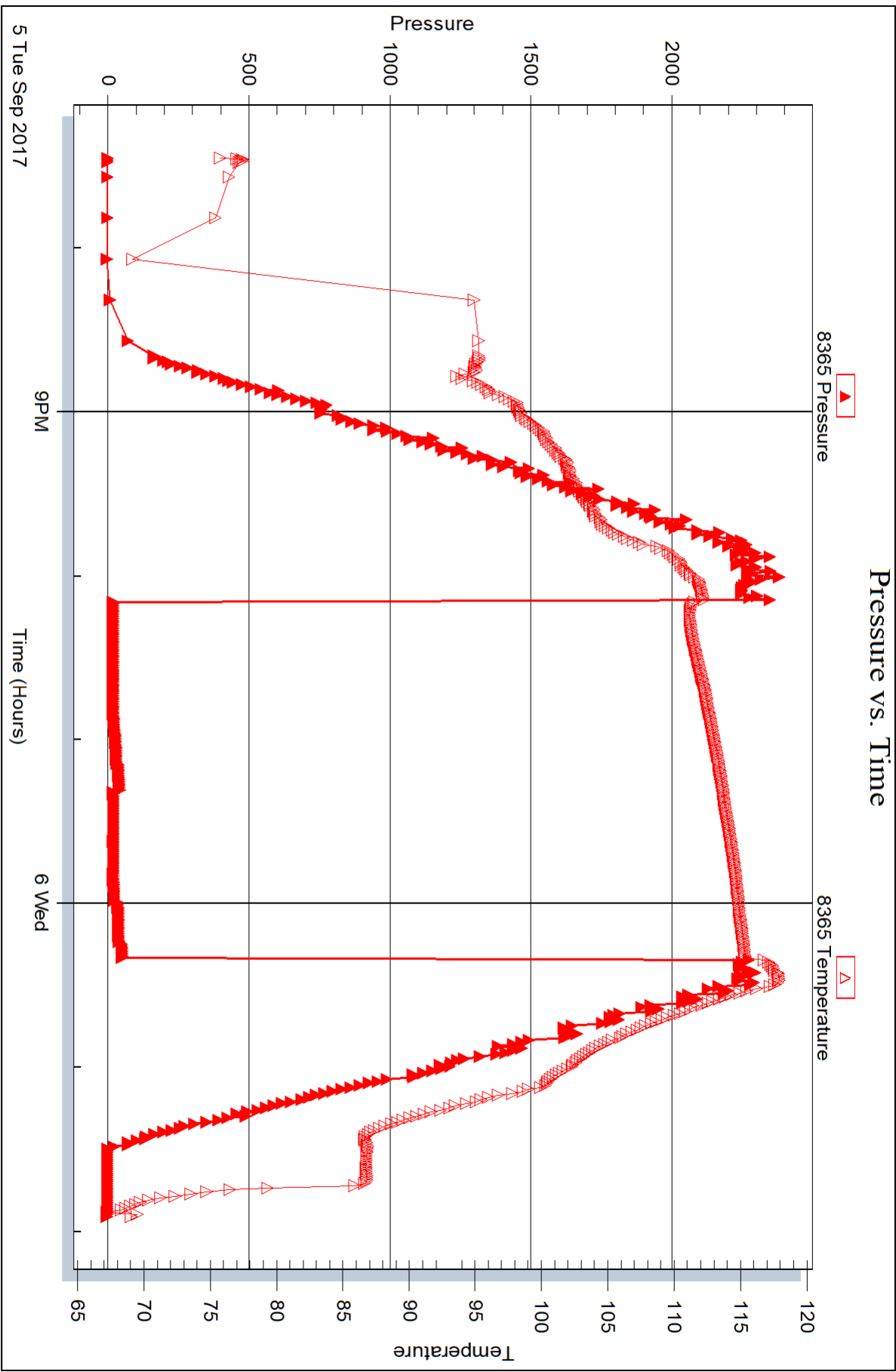
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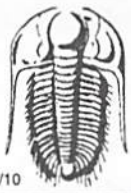
Inside

American Warrior, Inc

Ausmus Unit #1-7

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **64217**

Well Name & No. Ausmus Unit #1-7 Test No. 1 Date 9/4/2017  
 Company American Warrior, Inc Elevation 3222 KB 3214 GL  
 Address PO Box 399 Garden City, Ks 67846  
 Co. Rep / Geo. Luke Thompson Rig Discovery #1  
 Location: Sec. 7 Twp. 14s Rge. 35w Co. Logan State Ks

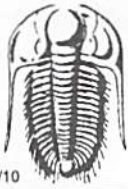
Interval Tested 4404 - 4470 Zone Tested Marmaton  
 Anchor Length 66' Drill Pipe Run 4106 Mud Wt. 9.0  
 Top Packer Depth 4399 Drill Collars Run 0 Vis 58  
 Bottom Packer Depth 4404 Wt. Pipe Run 280 WL 8.0  
 Total Depth 4470 Chlorides 5000 ppm System LCM 2<sup>th</sup>  
 Blow Description IF 9" blow  
ISI No return  
PF 6" blow  
FSI No return

| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
|------------|------------|------|-----------|-----------|------|
| <u>340</u> | <u>wcm</u> |      | <u>30</u> | <u>70</u> |      |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |

Rec Total 340 BHT 119 Gravity — API RW .259 @ 63 °F Chlorides 29000 ppm  
 (A) Initial Hydrostatic 2195  Test 1150 T-On Location 2130 9/3  
 (B) First Initial Flow 24  Jars 250 T-Started 2327  
 (C) First Final Flow 114  Safety Joint 75 T-Open 0203  
 (D) Initial Shut-In 1196  Circ Sub N/C T-Pulled 0503  
 (E) Second Initial Flow 131  Hourly Standby \_\_\_\_\_ T-Out 0700  
 (F) Second Final Flow 182  Mileage 120 RT 90  
 (G) Final Shut-In 1151  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2161  Straddle \_\_\_\_\_  
 Initial Open 45  Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  
 Final Flow 45  Extra Recorder \_\_\_\_\_  
 Final Shut-In 45  Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1565 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative 

TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **64218**

Well Name & No. Ausmus Unit #1-7 Test No. 2 Date 9/4/2017  
 Company American Warrior, Inc Elevation 3222 KB 3214 GL  
 Address PO BOX 399 Garden City, KS 67846  
 Co. Rep / Geo. Luke Thompson Rig Discovery #1  
 Location: Sec. 7 Twp. 14S Rge. 35W Co. Logan State KS

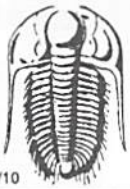
Interval Tested 4070 - 4102 Zone Tested LKC  
 Anchor Length 32 / Tail 368' Drill Pipe Run 4067 Mud Wt. 9.3  
 Top Packer Depth 4065 Drill Collars Run 0 Vis 55  
 Bottom Packer Depth 4070 / 4102 Straddle Wt. Pipe Run 310 WL 10.6  
 Total Depth 4470 Chlorides 5500 ppm System LCM 2 #  
 Blow Description IF: BOB @ 14 min  
ISI: No return.  
FP: BOB @ 20 min.  
FST: No return.

| Rec        | Feet of    | %gas | %oil | %water    | %mud      |
|------------|------------|------|------|-----------|-----------|
| <u>470</u> | <u>mcw</u> |      |      | <u>85</u> | <u>15</u> |
|            |            |      |      |           |           |
|            |            |      |      |           |           |
|            |            |      |      |           |           |
|            |            |      |      |           |           |

Rec Total 470 BHT 118 Gravity — API RW ,205 @ 74° F Chlorides 3700d ppm  
 (A) Initial Hydrostatic 2120  Test 1150 T-On Location 0700  
 (B) First Initial Flow 25  Jars 250 T-Started 0758  
 (C) First Final Flow 160  Safety Joint 75 T-Open 1017  
 (D) Initial Shut-In 1193  Circ Sub N/C T-Pulled 1317  
 (E) Second Initial Flow 164  Hourly Standby \_\_\_\_\_ T-Out 1557  
 (F) Second Final Flow 267  Mileage 120 RT 90 Comments \_\_\_\_\_  
 (G) Final Shut-In 1190  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2083  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 45  Day Standby \_\_\_\_\_ Total 2415.00  
 Final Shut-In 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 2415

Approved By \_\_\_\_\_ Our Representative

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **64219**

Well Name & No. Ausmus Unit # 1-7 Test No. 3 Date 9/06/2017  
 Company American Warrior, Inc Elevation 3222 KB 3214 GL  
 Address PO Box 394 Garden City, ks 67046  
 Co. Rep / Geo. Luke Thompson Rig Discovery  
 Location: Sec. 7 Twp. 14s Rge. 35w Co. Logan State Ks

Interval Tested 4633-4704 Zone Tested Johnson  
 Anchor Length 71 Drill Pipe Run 4329 Mud Wt. 9.2  
 Top Packer Depth 4628 Drill Collars Run 0 Vis 60  
 Bottom Packer Depth 4633 Wt. Pipe Run 310 WL 11.2  
 Total Depth 4704 Chlorides 5,000 ppm System LCM 2#  
 Blow Description IF Surface blow  
ISF No return.  
FF Surface blow, dred @ 10 min.  
FSI No return.

| Rec      | Feet of          | %gas | %oil | %water     | %mud |
|----------|------------------|------|------|------------|------|
| <u>5</u> | <u>Mud</u>       |      |      | <u>100</u> |      |
|          | <u>oil spots</u> |      |      |            |      |
|          |                  |      |      |            |      |
|          |                  |      |      |            |      |
|          |                  |      |      |            |      |

Rec Total 5 BHT 116 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2340  Test 1150 T-On Location 1800  
 (B) First Initial Flow 18  Jars 250 T-Started 1927  
 (C) First Final Flow 19  Safety Joint 75 T-Open 2219  
 (D) Initial Shut-In 41  Circ Sub N/C T-Pulled 0019  
 (E) Second Initial Flow 19  Hourly Standby \_\_\_\_\_ T-Out 0155  
 (F) Second Final Flow 19  Mileage 120 x 2 x 2 90+90 Comments P/O Tool  
 (G) Final Shut-In 50  Sampler \_\_\_\_\_ 0430 9/7/2017  
 (H) Final Hydrostatic 2292  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1655  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1655

Approved By \_\_\_\_\_ Our Representative 

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