



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate, Jim Mu

Eulert #19-35

35-11s-15w Russell,KS

Start Date: 2014.07.06 @ 02:40:36

End Date: 2014.07.06 @ 08:33:30

Job Ticket #: 59320 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.09 @ 10:42:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59320

DST#: 1

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 02:40:36

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:01

Time Test Ended: 08:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 2914.00 ft (KB) To 3010.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3010.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 51.00 psig @ 2918.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.06

End Date:

2014.07.06

Last Calib.:

2014.07.06

Start Time: 02:40:36

End Time:

08:33:30

Time On Btm:

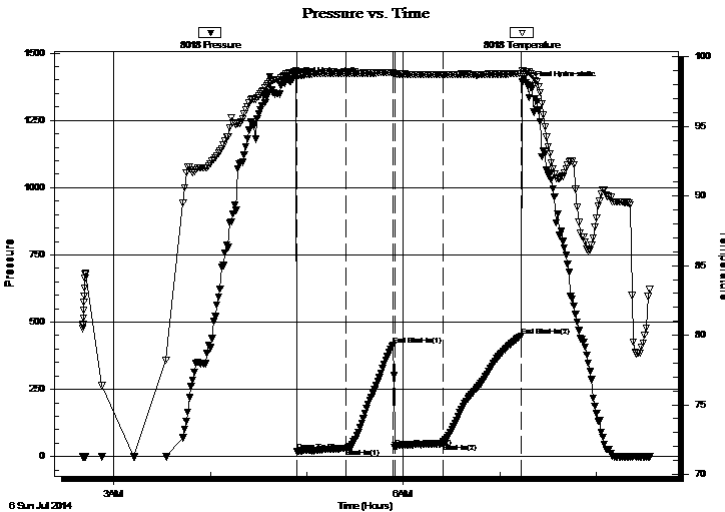
2014.07.06 @ 04:50:01

Time Off Btm:

2014.07.06 @ 07:17:30

TEST COMMENT: 30-IFP-w k to a fr bl 1/2" to 4 " bl
30-ISIP-no bl
30-FFP-w k bl thru-out
45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1393.82 | 98.85 | Initial Hydro-static |
| 4 | 18.33 | 98.61 | Open To Flow (1) |
| 34 | 31.11 | 98.80 | Shut-In(1) |
| 64 | 416.01 | 98.87 | End Shut-In(1) |
| 65 | 35.24 | 98.77 | Open To Flow (2) |
| 95 | 51.00 | 98.73 | Shut-In(2) |
| 143 | 447.94 | 98.79 | End Shut-In(2) |
| 148 | 1378.39 | 98.96 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------|--------------|
| 70.00 | Mud w/ show of oil | 0.98 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

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Eulert #19-35

Job Ticket: 59320

DST#: 1

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 02:40:36

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:01

Time Test Ended: 08:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 2914.00 ft (KB) To 3010.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3010.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8678

Outside

Press@RunDepth: psig @ 2918.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.06

End Date:

2014.07.06

Last Calib.:

2014.07.06

Start Time: 02:41:02

End Time:

08:32:56

Time On Btm:

Time Off Btm:

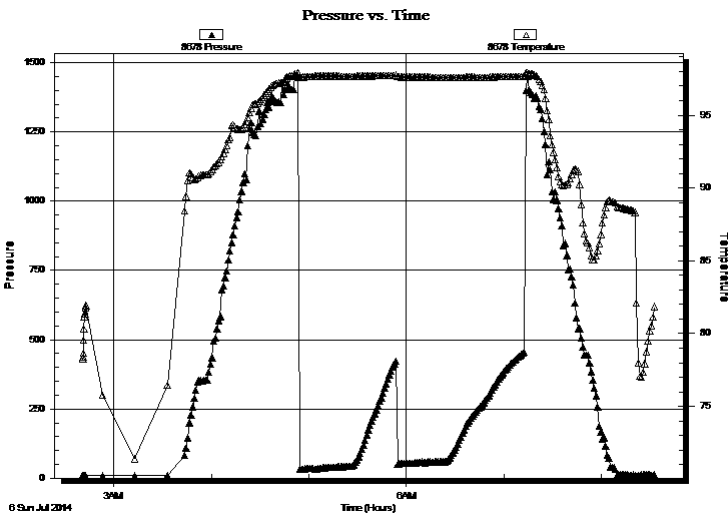
TEST COMMENT: 30-IFP-w k to a fr bl 1/2" to 4 " bl

30-ISIP-no bl

30-FFP-w k bl thru-out

45-FSIP-no bl

PRESSURE SUMMARY



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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 70.00 | Mud w / show of oil | 0.98 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59320

DST#: 1

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 02:40:36

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 2903.00 ft | Diameter: 3.80 inches | Volume: 40.72 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 60000.00 lb |
| | | | <u>Total Volume: 40.72 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 34000.00 lb |
| Depth to Top Packer: | 2914.00 ft | | | Final 35000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 96.00 ft | | | |
| Tool Length: | 117.00 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 | | | 2894.00 | |
| Shut In Tool | 5.00 | | | 2899.00 | |
| Hydraulic tool | 5.00 | | | 2904.00 | |
| Packer | 5.00 | | | 2909.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 2914.00 | |
| Stubb | 1.00 | | | 2915.00 | |
| Perforations | 3.00 | | | 2918.00 | |
| Recorder | 0.00 | 8018 | Inside | 2918.00 | |
| Recorder | 0.00 | 8678 | Outside | 2918.00 | |
| Blank Spacing | 64.00 | | | 2982.00 | |
| Perforations | 25.00 | | | 3007.00 | |
| Bullnose | 3.00 | | | 3010.00 | 96.00 Bottom Packers & Anchor |

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

35-11s-15w Russell, KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59320

DST#: 1

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 02:40:36

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: 53.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.87 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 70.00 | Mud w / show of oil | 0.982 |

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

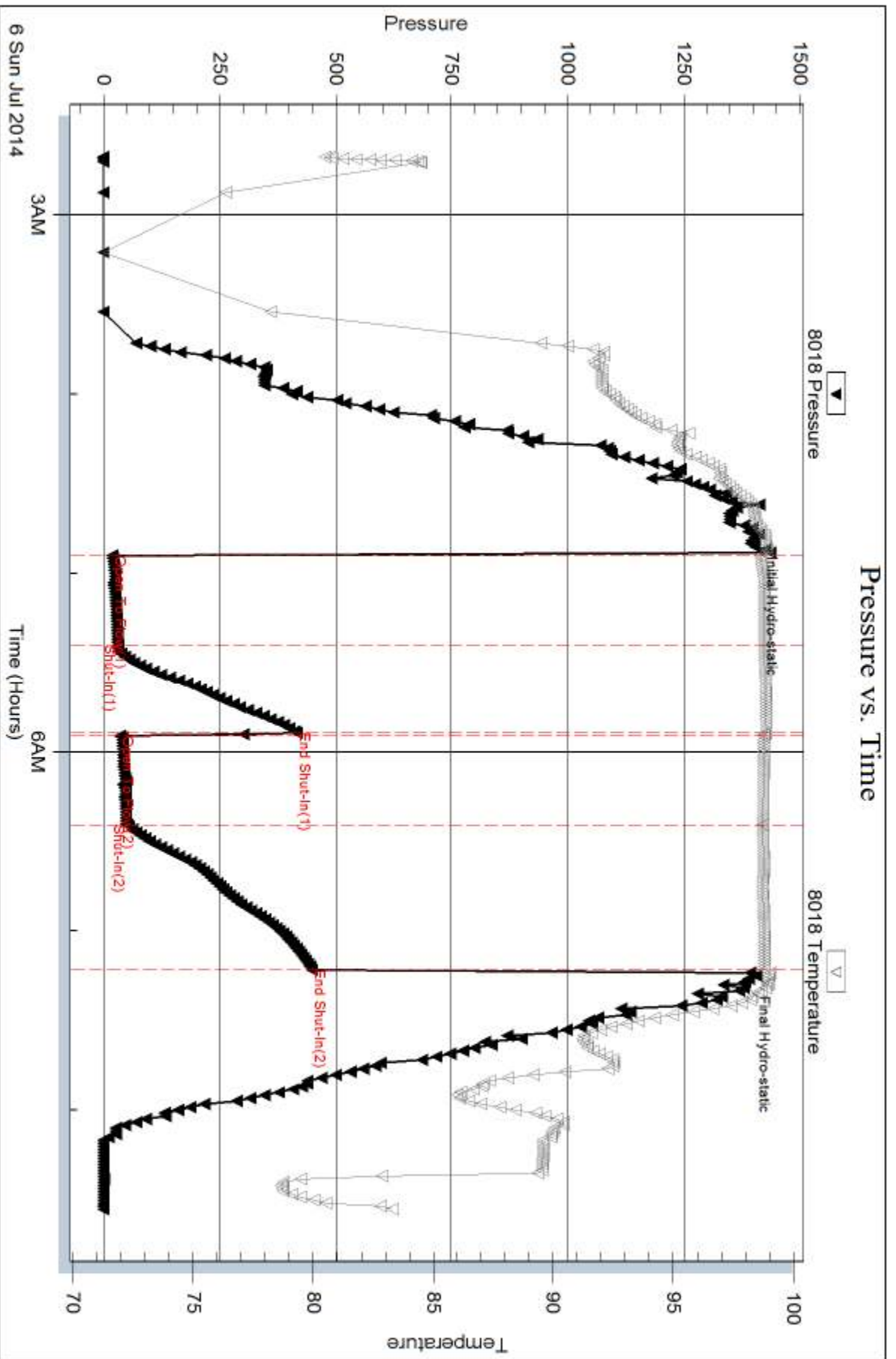
Num Gas Bombs: 0

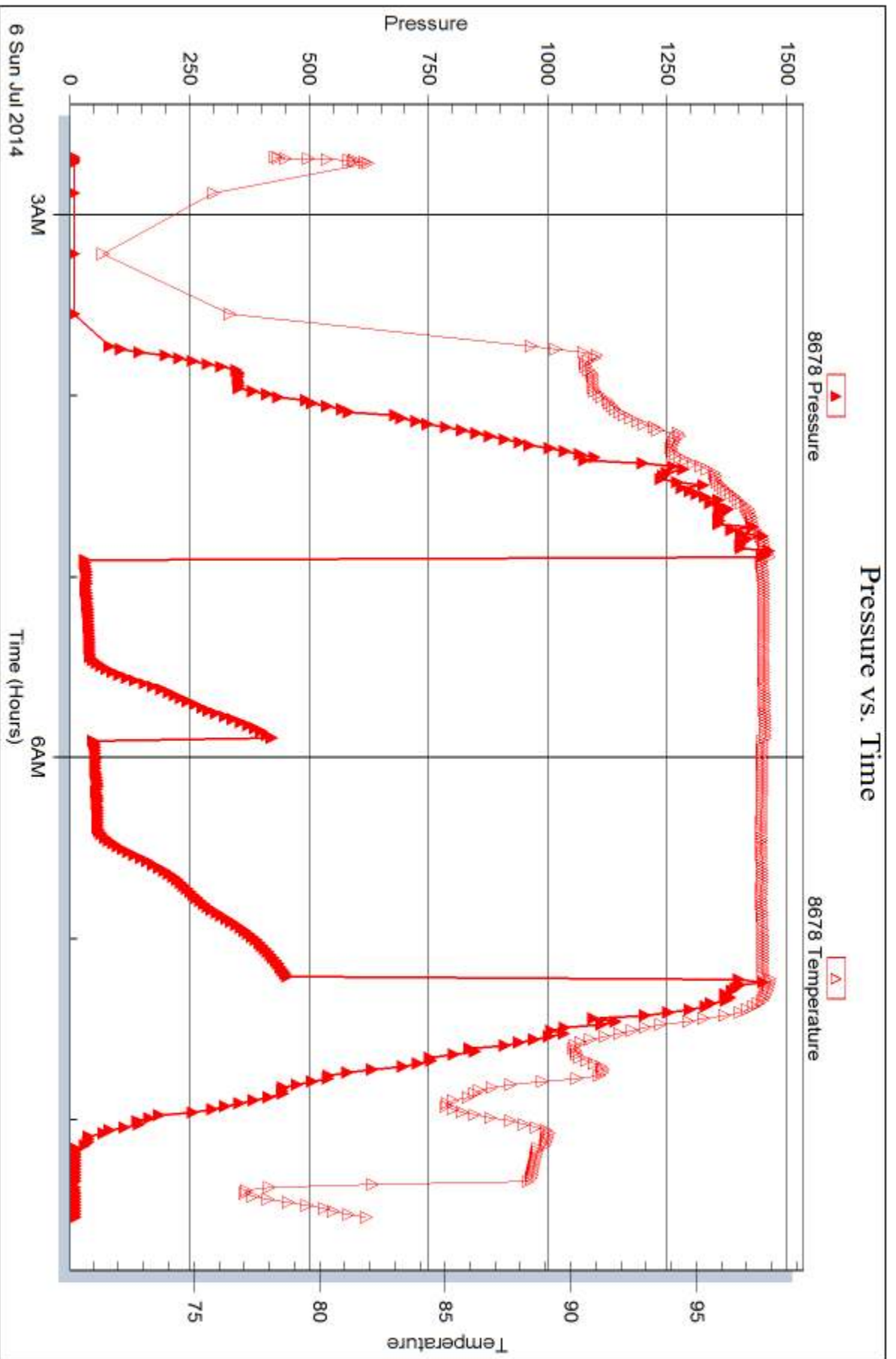
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate, Jim Mu

Eulert #19-35

35-11s-15w Russell,KS

Start Date: 2014.07.06 @ 15:35:53

End Date: 2014.07.06 @ 20:26:47

Job Ticket #: 59321 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.09 @ 10:42:35



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59321

DST#: 2

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 15:35:53

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:56:48
 Time Test Ended: 20:26:47
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Interval: **3007.00 ft (KB) To 3046.00 ft (KB) (TVD)**
 Reference Elevations: 1813.00 ft (KB)
 Total Depth: 3046.00 ft (KB) (TVD)
 1805.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft

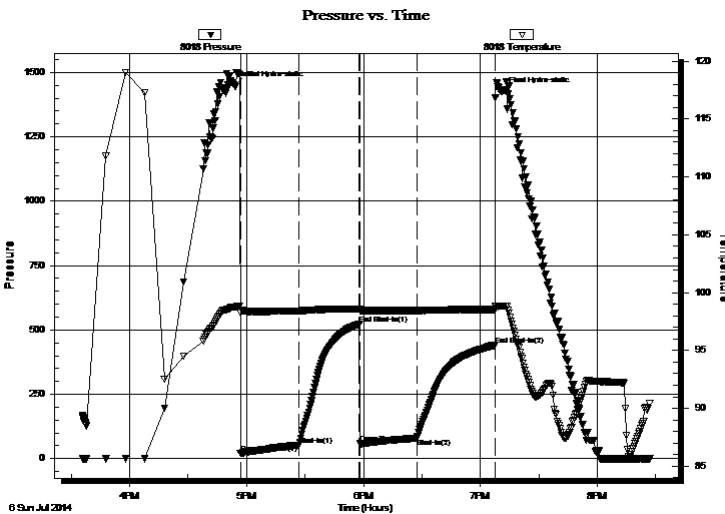
Serial #: 8018

Inside

Press@RunDepth: 80.37 psig @ 3014.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.06 End Date: 2014.07.06 Last Calib.: 2014.07.06
 Start Time: 15:35:53 End Time: 20:26:47 Time On Btm: 2014.07.06 @ 16:53:48
 Time Off Btm: 2014.07.06 @ 19:11:18

TEST COMMENT: 30-IFP-w k to a strg bl in 25 min
 30-ISIP-no bl
 30-FFP-w k to a gd bl 1/4" to 7" bl
 45-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1447.36 | 98.77 | Initial Hydro-static |
| 3 | 19.94 | 98.27 | Open To Flow (1) |
| 33 | 53.22 | 98.42 | Shut-In(1) |
| 64 | 522.74 | 98.59 | End Shut-In(1) |
| 65 | 58.70 | 98.45 | Open To Flow (2) |
| 94 | 80.37 | 98.44 | Shut-In(2) |
| 134 | 440.74 | 98.55 | End Shut-In(2) |
| 138 | 1425.06 | 98.83 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 0.00 | 165'GIP | 0.00 |
| 45.00 | HO&GCM 10%G30%O60%M | 0.63 |
| 95.00 | SOCW 2%O98%W | 1.33 |
| | | |
| | | |

* 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

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59321

DST#: 2

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 15:35:53

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 2991.00 ft | Diameter: 3.80 inches | Volume: 41.96 bbl | Tool Weight: | 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: | 55000.00 lb |
| | | | <u>Total Volume: 41.96 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 5.00 ft | | | String Weight: Initial | 32000.00 lb |
| Depth to Top Packer: | 3007.00 ft | | | Final | 34000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 39.00 ft | | | | |
| Tool Length: | 60.00 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 | | | 2987.00 | |
| Shut In Tool | 5.00 | | | 2992.00 | |
| Hydraulic tool | 5.00 | | | 2997.00 | |
| Packer | 5.00 | | | 3002.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3007.00 | |
| Stubb | 1.00 | | | 3008.00 | |
| Perforations | 6.00 | | | 3014.00 | |
| Recorder | 0.00 | 8018 | Inside | 3014.00 | |
| Recorder | 0.00 | 8678 | Outside | 3014.00 | |
| Perforations | 29.00 | | | 3043.00 | |
| Bullnose | 3.00 | | | 3046.00 | 39.00 Bottom Packers & Anchor |

Total Tool Length: 60.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59321

DST#: 2

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.06 @ 15:35:53

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:

65000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.09 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|---------------------|---------------|
| 0.00 | 165'GIP | 0.000 |
| 45.00 | HO&GCM 10%G30%O60%M | 0.631 |
| 95.00 | SOCW 2%O98%W | 1.333 |

Total Length: 140.00 ft Total Volume: 1.964 bbf

Num Fluid Samples: 0

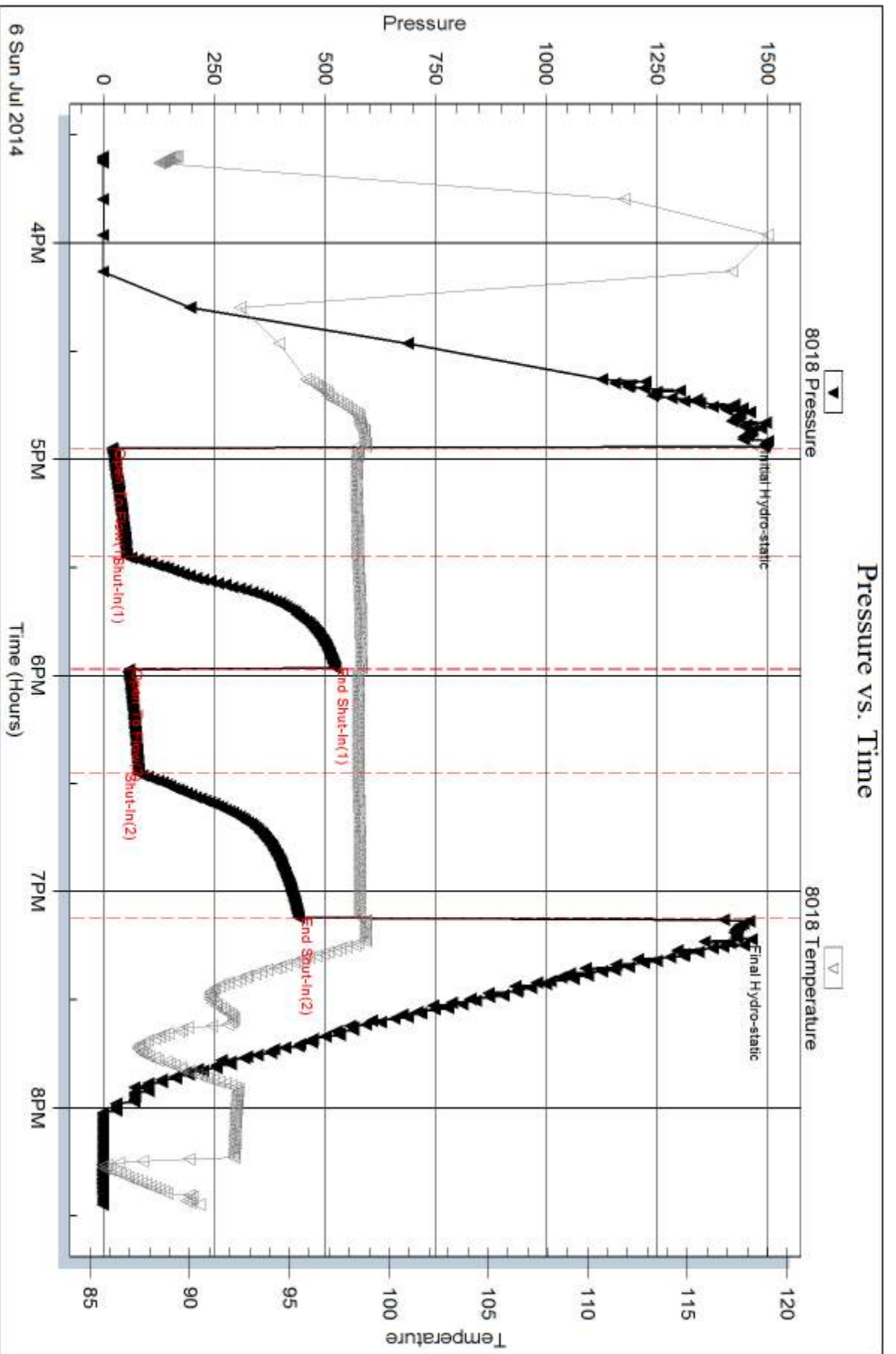
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .11@ 75F

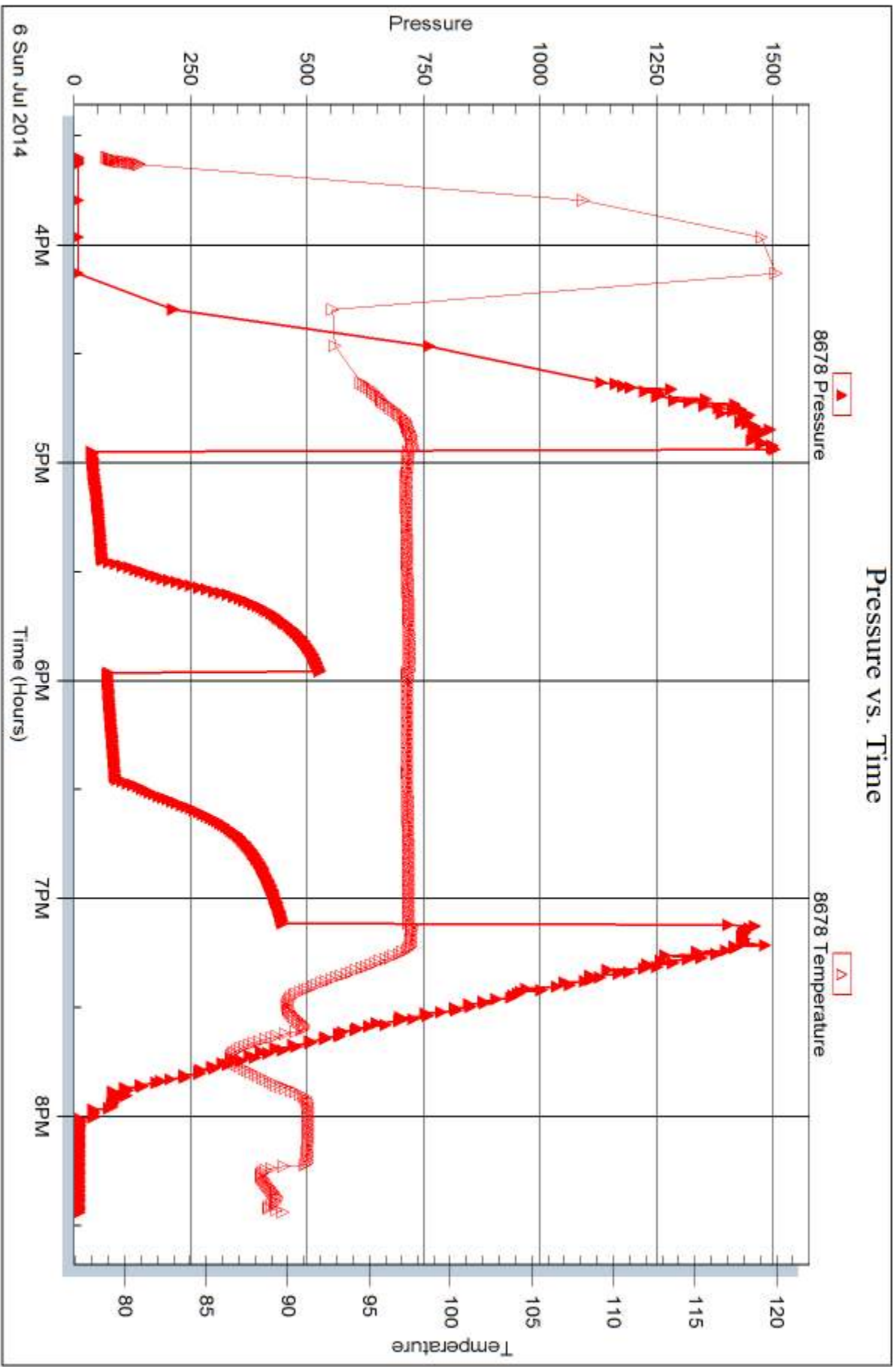


Serial #: 8678

Outside American Warrior Inc

Event #19-35

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate, Jim Mu

Eulert #19-35

35-11s-15w Russell,KS

Start Date: 2014.07.07 @ 08:40:31

End Date: 2014.07.07 @ 14:17:25

Job Ticket #: 59322 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.09 @ 10:42:15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59322

DST#: 3

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 08:40:31

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:22:26

Time Test Ended: 14:17:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3097.00 ft (KB) To 3164.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3164.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 119.25 psig @ 3099.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.07

End Date:

2014.07.07

Last Calib.:

2014.07.07

Start Time:

08:40:31

End Time:

14:17:25

Time On Btm:

2014.07.07 @ 10:19:26

Time Off Btm:

2014.07.07 @ 12:58:25

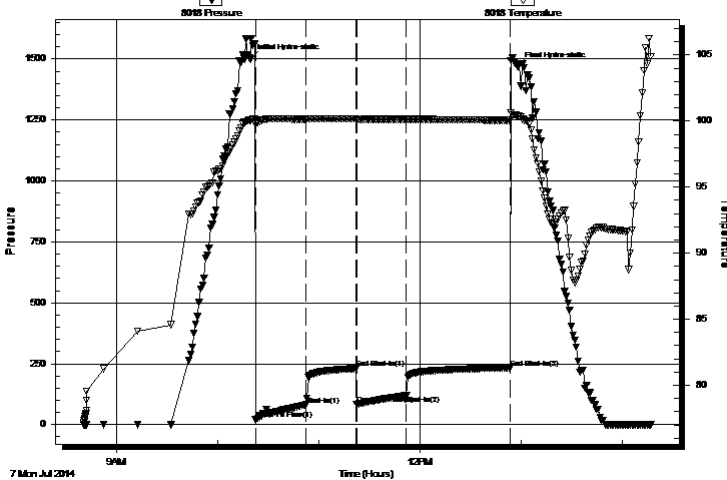
TEST COMMENT: -IFP-w k to strg in 28 min

-ISIP-no bl

-FFP-w k bl thru-out surface to 2 1/2" bl

-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1500.10 | 100.06 | Initial Hydro-static |
| 3 | 20.11 | 99.75 | Open To Flow (1) |
| 33 | 81.37 | 100.15 | Shut-In(1) |
| 63 | 230.35 | 100.16 | End Shut-In(1) |
| 63 | 84.09 | 100.10 | Open To Flow (2) |
| 93 | 119.25 | 100.13 | Shut-In(2) |
| 154 | 233.71 | 100.05 | End Shut-In(2) |
| 159 | 1470.93 | 100.41 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------|--------------|
| 35.00 | MW 20%M80%W w /show of oil | 0.49 |
| 185.00 | Water | 2.60 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell, KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59322

DST#: 3

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 08:40:31

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:22:26

Time Test Ended: 14:17:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3097.00 ft (KB) To 3164.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3164.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8678 Outside

Press@RunDepth: psig @ 3099.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.07

End Date:

2014.07.07

Last Calib.:

2014.07.07

Start Time: 08:40:11

End Time:

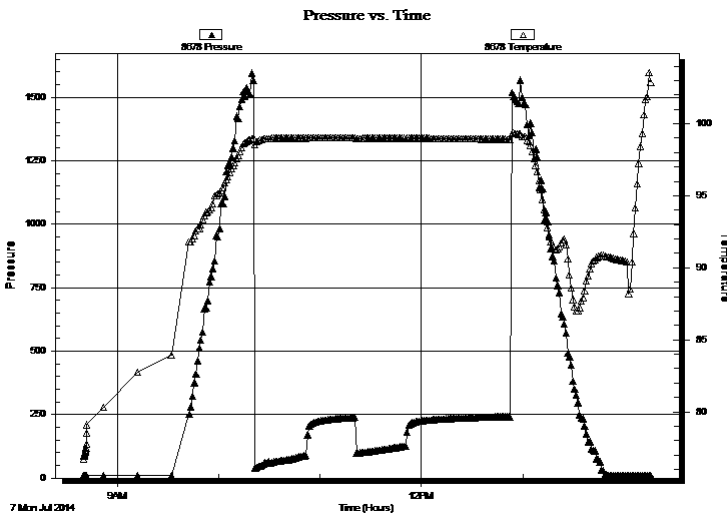
14:16:05

Time On Btm:

Time Off Btm:

TEST COMMENT: -IFP-w k to strg in 28 min
-ISIP-no bl
-FFP-w k bl thru-out surface to 2 1/2" bl
-FSIP-no bl

PRESSURE SUMMARY



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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 35.00 | MW 20%M80%W w/show of oil | 0.49 |
| 185.00 | Water | 2.60 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59322

DST#: 3

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 08:40:31

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3096.00 ft | Diameter: 3.80 inches | Volume: 43.43 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 55000.00 lb |
| | | | <u>Total Volume: 43.43 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 20.00 ft | | | String Weight: Initial 34000.00 lb |
| Depth to Top Packer: | 3097.00 ft | | | Final 36000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 67.00 ft | | | |
| Tool Length: | 88.00 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 | | | 3077.00 | |
| Shut In Tool | 5.00 | | | 3082.00 | |
| Hydraulic tool | 5.00 | | | 3087.00 | |
| Packer | 5.00 | | | 3092.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3097.00 | |
| Stubb | 1.00 | | | 3098.00 | |
| Perforations | 1.00 | | | 3099.00 | |
| Recorder | 0.00 | 8018 | Inside | 3099.00 | |
| Recorder | 0.00 | 8678 | Outside | 3099.00 | |
| Blank Spacing | 33.00 | | | 3132.00 | |
| Perforations | 29.00 | | | 3161.00 | |
| Bullnose | 3.00 | | | 3164.00 | 67.00 Bottom Packers & Anchor |

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59322

DST#: 3

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 08:40:31

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:

78000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.11 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 35.00 | MW 20%M80%W w/show of oil | 0.491 |
| 185.00 | Water | 2.595 |

Total Length: 220.00 ft Total Volume: 3.086 bbl

Num Fluid Samples: 0

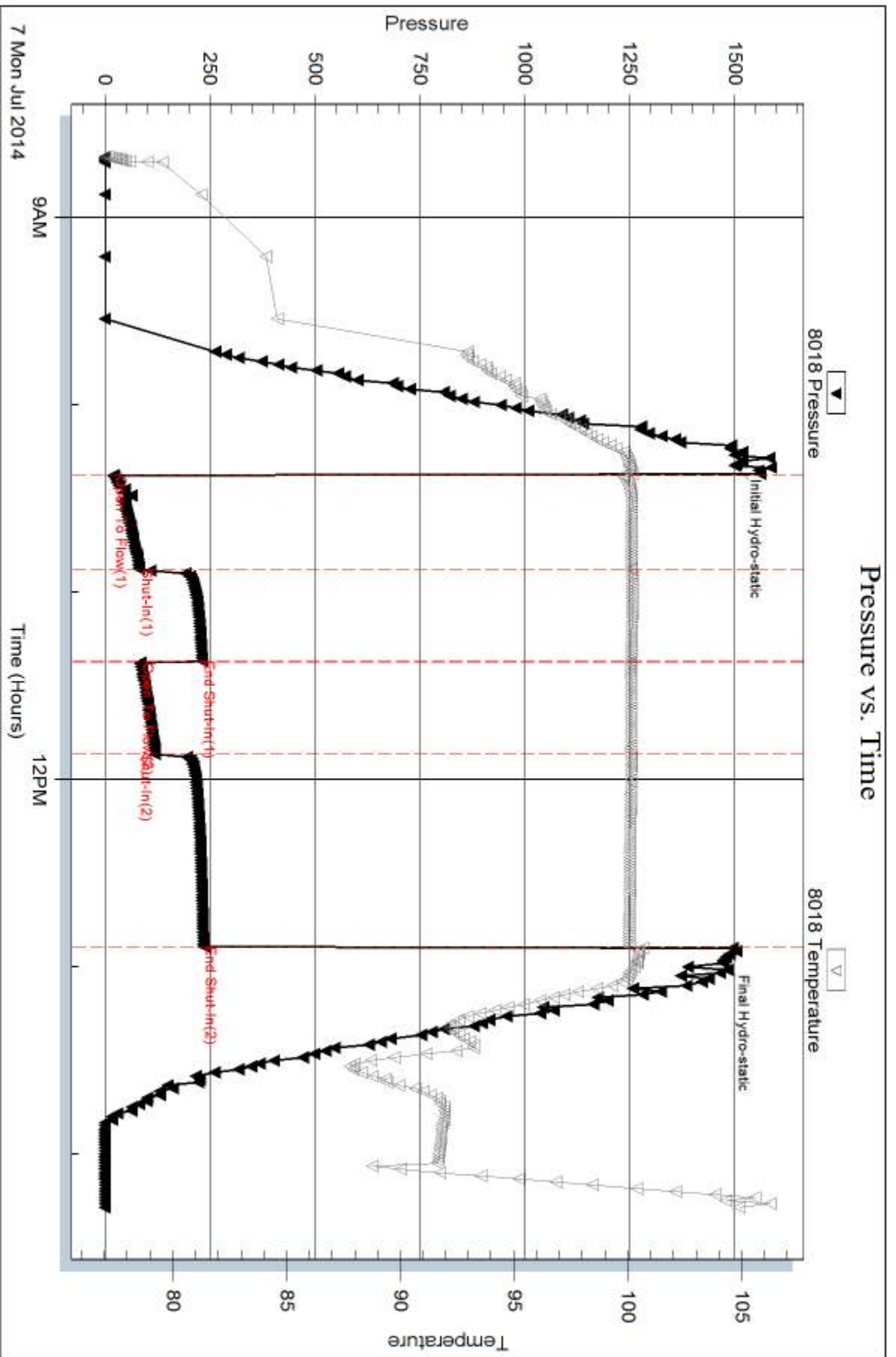
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .09 @ 75F

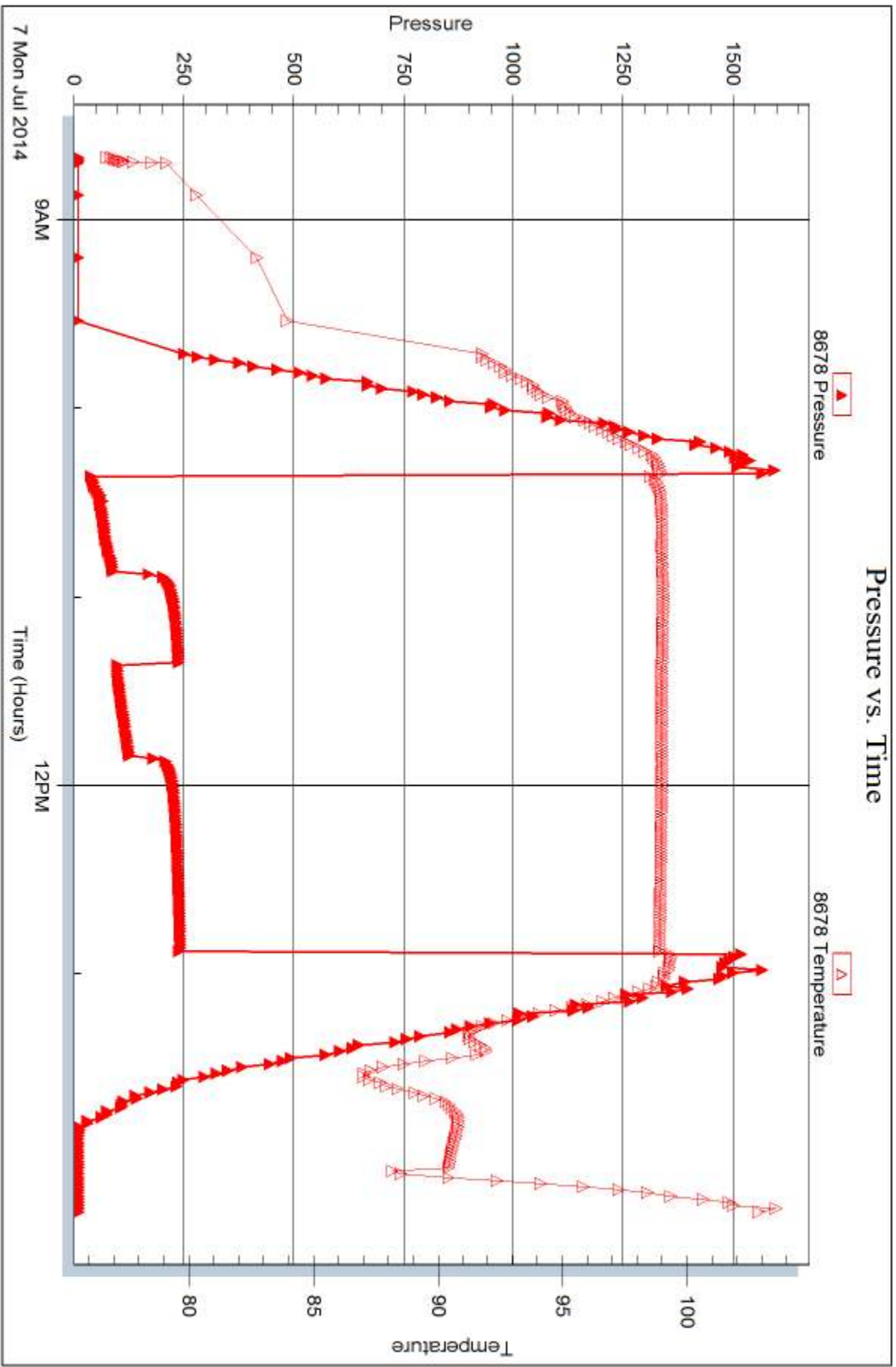


Serial #: 8678

Outside American Warrior Inc

Ellert #19-35

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59322

Printed: 2014.07.09 @ 10:42:17



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate, Jim Mu

Eulert #19-35

35-11s-15w Russell,KS

Start Date: 2014.07.07 @ 23:25:48

End Date: 2014.07.08 @ 05:06:42

Job Ticket #: 59323 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.07.09 @ 10:41:55



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59323

DST#: 4

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 23:25:48

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:21:13

Time Test Ended: 05:06:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3162.00 ft (KB) To 3224.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3224.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 15.38 psig @ 3164.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.07

End Date:

2014.07.08

Last Calib.: 2014.07.08

Start Time: 23:25:48

End Time:

05:06:42

Time On Btm: 2014.07.08 @ 01:18:43

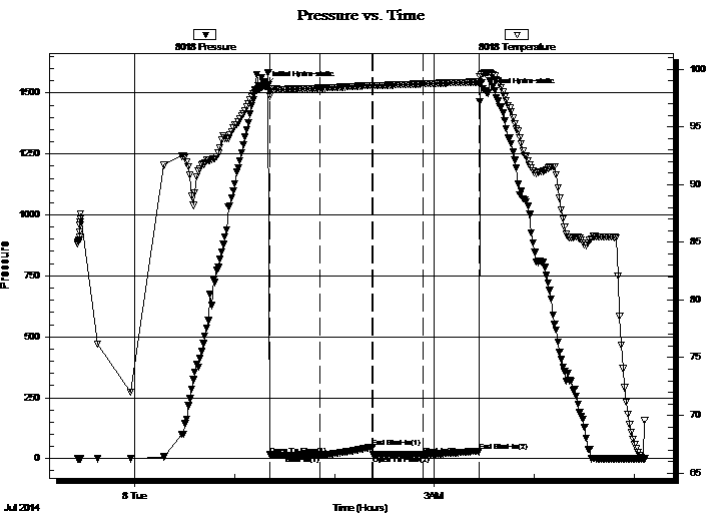
Time Off Btm: 2014.07.08 @ 03:31:43

TEST COMMENT: 30-IFP-surface bl died in 15 min

30-ISIP-no bl

30-FFP-no bl

30-FSIP-no bl



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1529.31 | 98.53 | Initial Hydro-static |
| 3 | 15.40 | 97.66 | Open To Flow (1) |
| 33 | 15.58 | 98.35 | Shut-In(1) |
| 64 | 47.76 | 98.58 | End Shut-In(1) |
| 65 | 15.32 | 98.56 | Open To Flow (2) |
| 95 | 15.38 | 98.73 | Shut-In(2) |
| 128 | 30.65 | 98.90 | End Shut-In(2) |
| 133 | 1501.54 | 99.71 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | Mud | 0.03 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Cecil O'Brate, Jim Mu

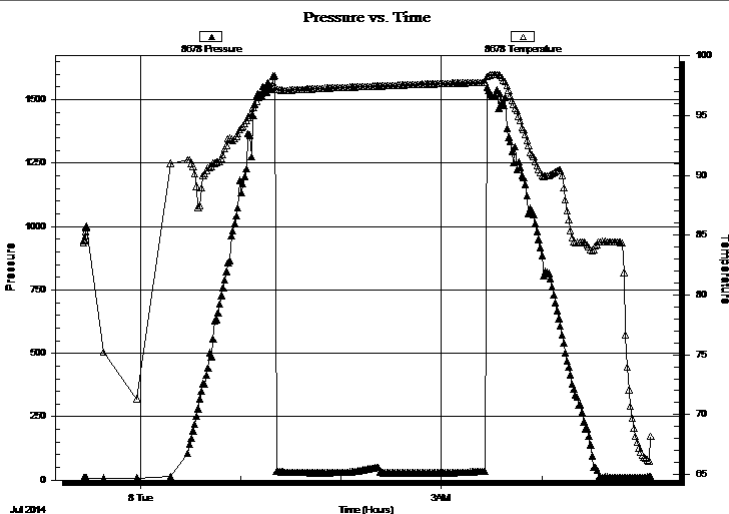
35-11s-15w Russell, KS
Eulert #19-35
 Job Ticket: 59323 **DST#: 4**
 Test Start: 2014.07.07 @ 23:25:48

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:21:13
 Time Test Ended: 05:06:42
Interval: 3162.00 ft (KB) To 3224.00 ft (KB) (TVD)
 Total Depth: 3224.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 1813.00 ft (KB)
 1805.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8678 **Outside**
 Press@RunDepth: psig @ 3164.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.07 End Date: 2014.07.08 Last Calib.: 2014.07.08
 Start Time: 23:25:49 End Time: 05:05:43 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-surface bl died in 15 min
 30-ISIP-no bl
 30-FFP-no bl
 30-FSIP-no bl



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | Mud | 0.03 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59323

DST#: 4

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 23:25:48

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3155.00 ft | Diameter: 3.80 inches | Volume: 44.26 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 55000.00 lb |
| | | | <u>Total Volume: 44.26 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 14.00 ft | | | String Weight: Initial 36000.00 lb |
| Depth to Top Packer: | 3162.00 ft | | | Final 36000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 62.00 ft | | | |
| Tool Length: | 83.00 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 | | | 3142.00 | |
| Shut In Tool | 5.00 | | | 3147.00 | |
| Hydraulic tool | 5.00 | | | 3152.00 | |
| Packer | 5.00 | | | 3157.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3162.00 | |
| Stubb | 1.00 | | | 3163.00 | |
| Perforations | 1.00 | | | 3164.00 | |
| Recorder | 0.00 | 8018 | Inside | 3164.00 | |
| Recorder | 0.00 | 8678 | Outside | 3164.00 | |
| Blank Spacing | 33.00 | | | 3197.00 | |
| Perforations | 24.00 | | | 3221.00 | |
| Bullnose | 3.00 | | | 3224.00 | 62.00 Bottom Packers & Anchor |

Total Tool Length: 83.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

35-11s-15w Russell, KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59323

DST#: 4

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.07 @ 23:25:48

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 2.00 | Mud | 0.028 |

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

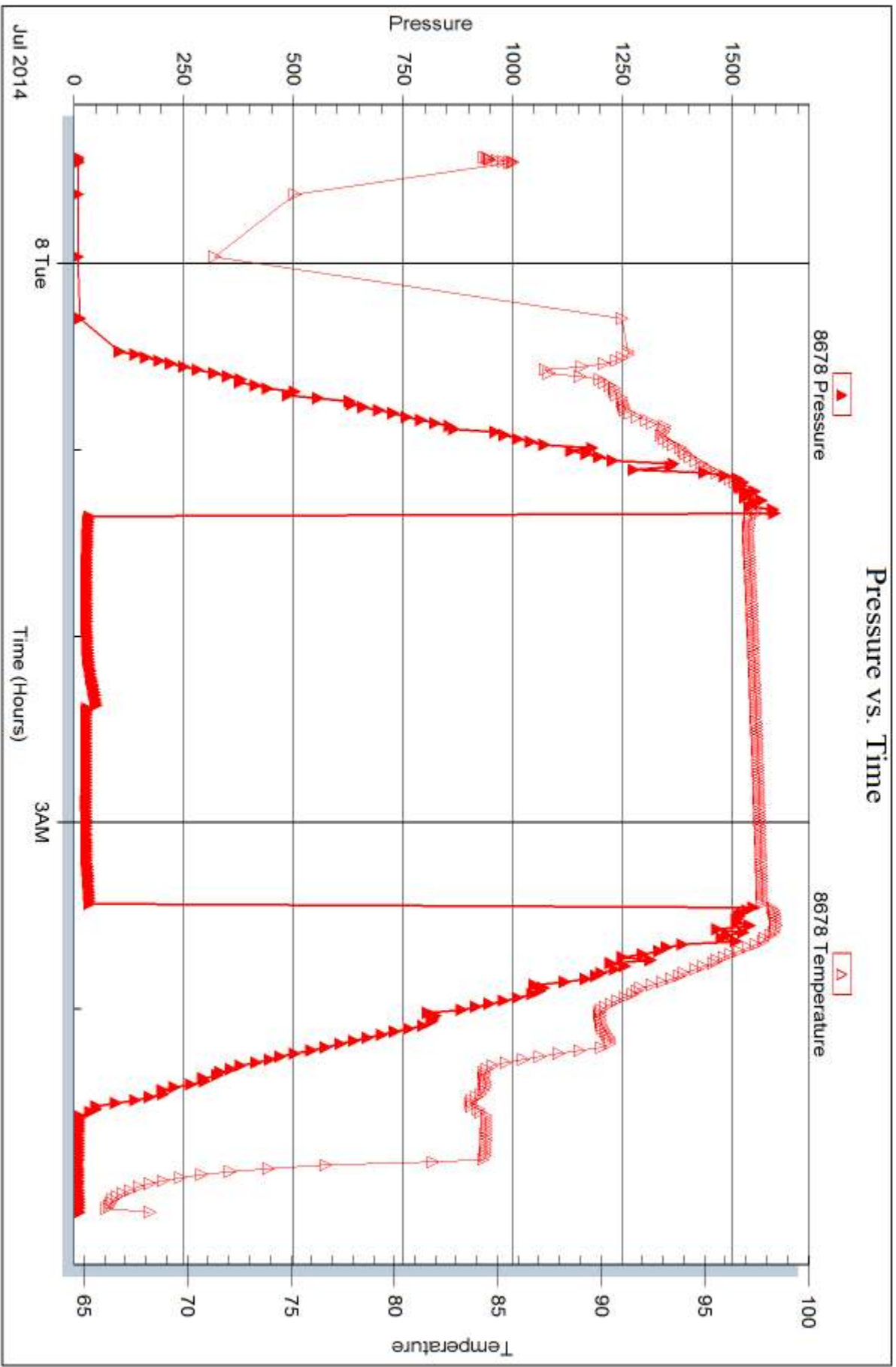
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate, Jim Mu

Eulert #19-35

35-11s-15w Russell,KS

Start Date: 2014.07.08 @ 13:45:13

End Date: 2014.07.08 @ 19:31:07

Job Ticket #: 59324 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.09 @ 10:41:20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59324

DST#: 5

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.08 @ 13:45:13

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:18:38

Time Test Ended: 19:31:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

Interval: 3223.00 ft (KB) To 3273.00 ft (KB) (TVD)

Reference Elevations: 1813.00 ft (KB)

Total Depth: 3273.00 ft (KB) (TVD)

1805.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 773.78 psig @ 3237.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.08

End Date:

2014.07.08

Last Calib.:

2014.07.08

Start Time: 13:45:13

End Time:

19:31:07

Time On Btm:

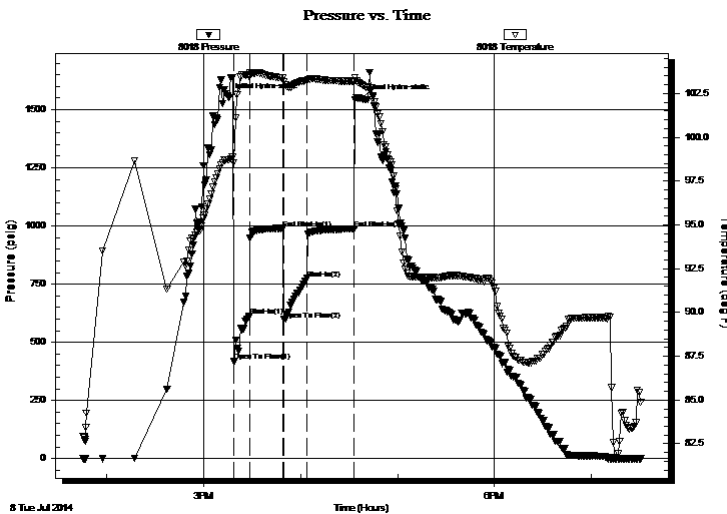
2014.07.08 @ 15:15:38

Time Off Btm:

2014.07.08 @ 16:37:38

TEST COMMENT: 10-IFP-strg bl thru-out
20-ISIP-no bl
15-FFP-strg bl thru-out
30-FSIP-no bl

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1552.24 | 98.73 | Initial Hydro-static |
| 3 | 417.57 | 98.53 | Open To Flow (1) |
| 13 | 614.19 | 103.49 | Shut-In(1) |
| 33 | 989.73 | 103.39 | End Shut-In(1) |
| 34 | 597.74 | 103.16 | Open To Flow (2) |
| 48 | 773.78 | 103.24 | Shut-In(2) |
| 78 | 987.40 | 103.20 | End Shut-In(2) |
| 82 | 1547.04 | 103.01 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 255.00 | MGO 10%G40%M50%O | 3.58 |
| 805.00 | CO | 11.29 |
| 186.00 | O&GCW 5%G10%O80%W | 2.61 |
| 124.00 | SOCW 2%O98%W | 1.74 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59324

DST#: 5

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.08 @ 13:45:13

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3218.00 ft | Diameter: 3.80 inches | Volume: 45.14 bbl | Tool Weight: | 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: | 55000.00 lb |
| | | | <u>Total Volume: 45.14 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 16.00 ft | | | String Weight: Initial | 35000.00 lb |
| Depth to Top Packer: | 3223.00 ft | | | Final | 42000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 50.00 ft | | | | |
| Tool Length: | 71.00 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 | | | 3203.00 | |
| Shut In Tool | 5.00 | | | 3208.00 | |
| Hydraulic tool | 5.00 | | | 3213.00 | |
| Packer | 5.00 | | | 3218.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3223.00 | |
| Stubb | 1.00 | | | 3224.00 | |
| Perforations | 13.00 | | | 3237.00 | |
| Recorder | 0.00 | 8018 | Inside | 3237.00 | |
| Recorder | 0.00 | 8678 | Outside | 3237.00 | |
| Blank Spacing | 33.00 | | | 3270.00 | |
| Bullnose | 3.00 | | | 3273.00 | 50.00 Bottom Packers & Anchor |

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

35-11s-15w Russell,KS

PO Box 399
Garden City KS 67846

Eulert #19-35

Job Ticket: 59324

DST#: 5

ATTN: Cecil O'Brate, Jim Mu

Test Start: 2014.07.08 @ 13:45:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

23000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|-------------------|---------------|
| 255.00 | MGO 10%G40%M50%O | 3.577 |
| 805.00 | CO | 11.292 |
| 186.00 | O&GCW 5%G10%O80%W | 2.609 |
| 124.00 | SOCW 2%O98%W | 1.739 |

Total Length: 1370.00 ft

Total Volume: 19.217 bbl

Num Fluid Samples: 0

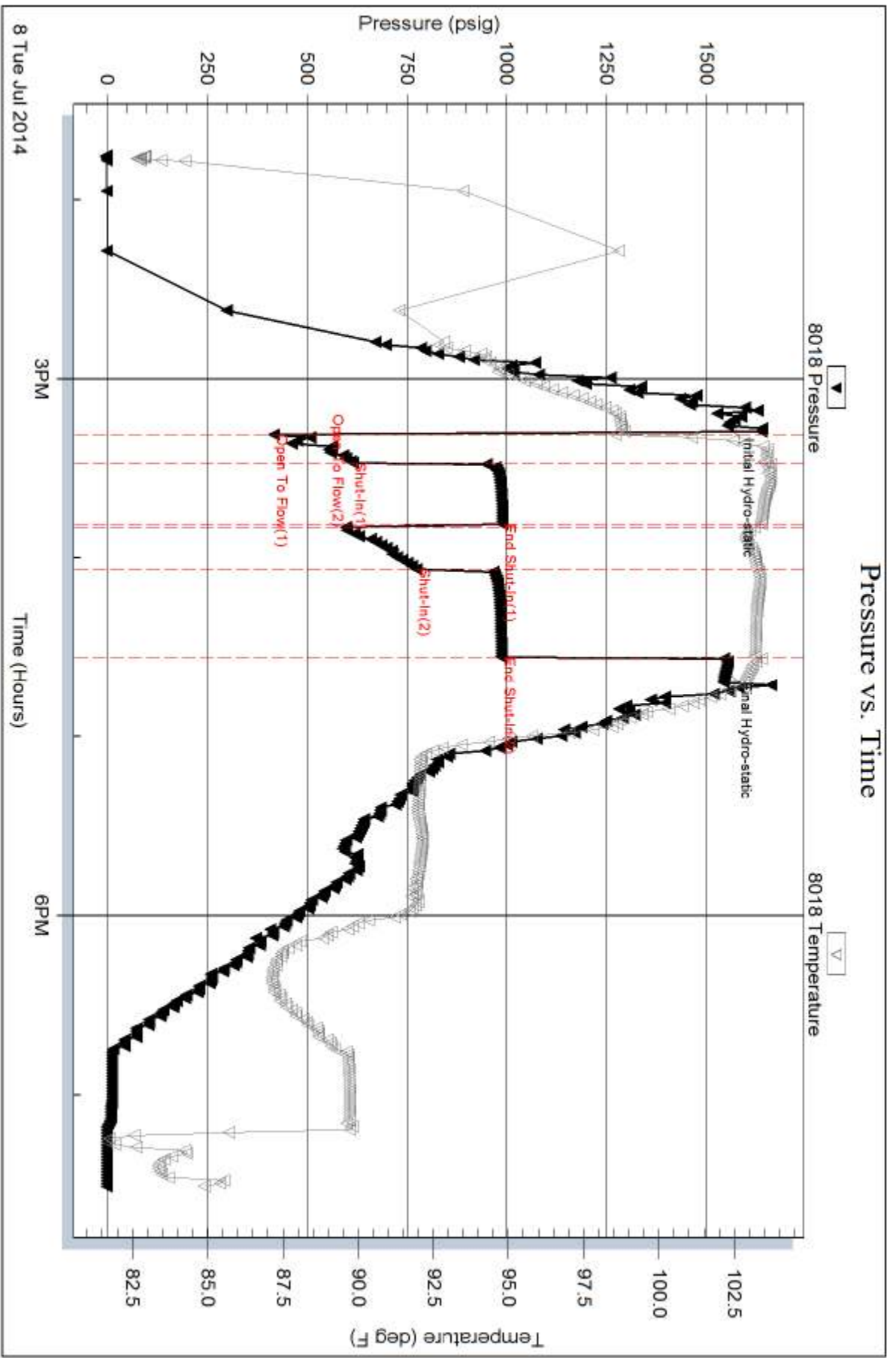
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .31@70F

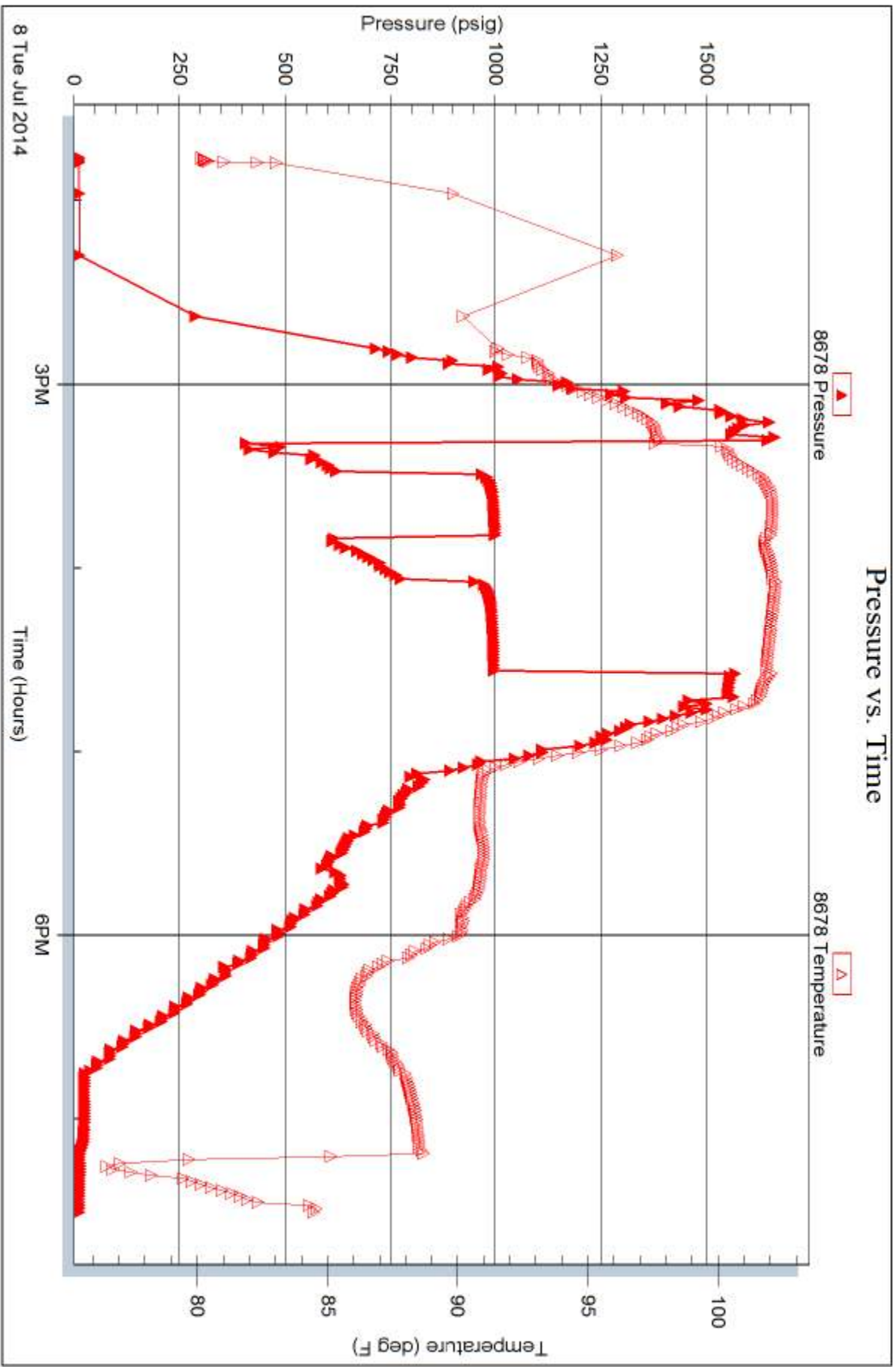


Serial #: 8678

Outside American Warrior Inc

Event #19-35

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 59324

Printed: 2014.07.09 @ 10:41:22



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59320

Well Name & No. EulerT #19-35 Test No. 1 Date 7-6-14
 Company AMERICAN WARRIOR, Inc Elevation 1813 KB 1805 GL
 Address Po Box 399 Garden City, Ks 67846
 Co. Rep / Geo. Jim Musgrove Rig Duke rig 8
 Location: Sec. 35 Twp. 11^s Rge. 15^w Co. Russell State Ks

Interval Tested 2914-3010 Zone Tested _____
 Anchor Length 96 Drill Pipe Run 2903 Mud Wt. 9.2
 Top Packer Depth 2909 Drill Collars Run — Vis 53
 Bottom Packer Depth 2914 Wt. Pipe Run — WL 10
 Total Depth 3010 Chlorides 4100 ppm System LCM TR

Blow Description IFP - WEAK TO A FAIR BLOW 1/2" TO 4" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW THRU-OUT 1/4" TO 2" BLOW
FSIP - NO BLOW

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------------------|------|------|--------|------|
| <u>70</u> | <u>Mud w/show foil</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 70 BHT #98 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 1393 Test 1150 T-On Location 0115
 (B) First Initial Flow 18 Jars _____ T-Started 0240
 (C) First Final Flow 31 Safety Joint _____ T-Open 0450
 (D) Initial Shut-In 416 Circ Sub _____ T-Pulled 0705
 (E) Second Initial Flow 35 Hourly Standby _____ T-Out 0833
 (F) Second Final Flow 51 Mileage 88RT 136.40 Comments Motel
 (G) Final Shut-In 447 Sampler _____
 (H) Final Hydrostatic 1378 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1286.40
 Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Sub Total 1286.40

Approved By _____ Our Representative RAY Schwager Thank you

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. 59321

4/10

Well Name & No. EulerT #19-35 Test No. 2 Date 7-6-14
 Company AMERICAN WARRIOR Inc Elevation 1813 KB 1805 GL
 Address PO Box 399 Garden City, Ks 67846
 Co. Rep / Geo. Jim Musgrove, Adam Rig Duke rig 8
 Location: Sec. 35 Twp. 11^s Rge. 15^w Co. Russell State K

Interval Tested 3007-3046 Zone Tested LKC
 Anchor Length 39 Drill Pipe Run 2991 Mud Wt. 9.1
 Top Packer Depth 3002 Drill Collars Run - Vis 60
 Bottom Packer Depth 3007 Wt. Pipe Run - WL 9.2
 Total Depth 3046 Chlorides 6200 ppm System LCM TR

Blow Description IFP - WEAK TO STRONG IN 25 MIN
ISIP - NO BLOW
FFP - WEAK TO A GOOD BLOW 4" TO 7" BLOW
FSTIP - NO BLOW

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------|-----------|-----------|-----------|-----------|
| <u>165</u> | <u>GIP</u> | | | | |
| <u>45</u> | <u>HO+GCM</u> | <u>10</u> | <u>30</u> | | <u>60</u> |
| <u>95</u> | <u>SOCW</u> | | <u>2</u> | <u>98</u> | |
| | | | | | |
| | | | | | |

Rec Total 140 BHT 98 Gravity - API RW .11 @ 75 ° F Chlorides 65000 ppm

(A) Initial Hydrostatic 1447 Test 1150 T-On Location 1510
 (B) First Initial Flow 19 Jars _____ T-Started 1535
 (C) First Final Flow 53 Safety Joint _____ T-Open 1655
 (D) Initial Shut-In 522 Circ Sub _____ T-Pulled 1910
 (E) Second Initial Flow 58 Hourly Standby _____ T-Out 2026
 (F) Second Final Flow 80 Mileage 88 RT 136.40 Comments Motel
 (G) Final Shut-In 440 Sampler _____
 (H) Final Hydrostatic 1425 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1286.40
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1286.40

Approved By _____ Our Representative RAY SCHWAGER Thank you

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. 59322

Well Name & No. Euleet #19-35 Test No. 3 Date 7-7-14
 Company American Warrior Inc Elevation 1813 KB 1805 GL
 Address Po Box 399 Garden City, Ko 67846
 Co. Rep / Geo. Adam Falk, Jim Musgrove Rig Duke rig 8
 Location: Sec. 35 Twp. 11^s Rge. 15^w Co. Russell State Ko

Interval Tested 3097-3164 Zone Tested LKC
 Anchor Length 67 Drill Pipe Run 3096 Mud Wt. 9.1
 Top Packer Depth 3092 Drill Collars Run - Vis 51
 Bottom Packer Depth 3097 Wt. Pipe Run - WL 9.2
 Total Depth 3164 Chlorides 6200 ppm System LCM -

Blow Description IFP - WEAK TO STRONG IN 28 MIN
ISIP - NO BLOW
FFP - WEAK
FSIP - NO BLOW

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------------------------|------|------|-----------|-----------|
| <u>35</u> | <u>Feet of MW w/show of oil</u> | | | <u>80</u> | <u>20</u> |
| <u>185</u> | <u>Feet of WATER</u> | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 220 BHT 100 Gravity - API RW .09 @ 75 ° F Chlorides 78000 ppm

(A) Initial Hydrostatic 1500 Test 1150 T-On Location 0740
 (B) First Initial Flow 20 Jars - T-Started 0840
 (C) First Final Flow 81 Safety Joint - T-Open 0955
 (D) Initial Shut-In 230 Circ Sub - T-Pulled 1225
 (E) Second Initial Flow 84 Hourly Standby - T-Out 1417
 (F) Second Final Flow 119 Mileage 88 RT 136.40 Comments -
 (G) Final Shut-In 233 Sampler - Motel
 (H) Final Hydrostatic 1470 Straddle - Ruined Shale Packer -
 Shale Packer - Ruined Packer -

Initial Open 30 Extra Packer - Extra Copies -
 Initial Shut-In 30 Extra Recorder - Sub Total 0
 Final Flow 36 Day Standby - Total 1286.40
 Final Shut-In 60 Accessibility - MP/DST Disc't -
 Sub Total 1286.40

Approved By _____ Our Representative Ray Schwagn Thank you

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. 59323

Well Name & No. EulerT #19-35 Test No. 4 Date 7-7-14
 Company AMERICAN WARRIOR, Inc Elevation 1813 KB 1805 GL
 Address PO BOX 399 Garden City, Ko 67846
 Co. Rep / Geo. Adam Falk, Jim Musgrove Rig Duke rig 8
 Location: Sec. 35 Twp. 11^s Rge. 15^w Co. Russell State Ko

Interval Tested 3162-3224 Zone Tested LKC
 Anchor Length 62 Drill Pipe Run 3155 Mud Wt. 9.2
 Top Packer Depth 3157 Drill Collars Run - Vis 53
 Bottom Packer Depth 3162 Wt. Pipe Run - WL 8.4
 Total Depth 3224 Chlorides 8100 ppm System LCM -
 Blow Description IFP - SURFACE Blow, died in 15min
ISIP - NO Blow
FFP - NO Blow
FSIP - NO Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------|------------|------|------|--------|------|
| <u>2</u> | <u>Mud</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 2 BHT 98 Gravity - API RW - @ - ° F Chlorides - ppm
 (A) Initial Hydrostatic 1529 Test 1150 T-On Location 2250
 (B) First Initial Flow 15 Jars T-Started 2325
 (C) First Final Flow 15 Safety Joint T-Open 0120
 (D) Initial Shut-In 47 Circ Sub T-Pulled 0320
 (E) Second Initial Flow 15 Hourly Standby T-Out 0506
 (F) Second Final Flow 15 Mileage 88 RT 136.40 Comments _____
 (G) Final Shut-In 30 Sampler _____
 (H) Final Hydrostatic 1501 Straddle _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Shale Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Sub Total 0
 Total 1286.40
 Sub Total 1286.40 MP/DST Disc't _____
 Our Representative RAY SCHWAGER

Approved By _____ Thank you

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. 59324

Well Name & No. EulerT #19-35 Test No. 5 Date 7-8-14
 Company AMERICAN WARRIOR, Inc Elevation 1813 KB 1805 GL
 Address PO Box 399 Garden City, Mo 67846
 Co. Rep / Geo. Adam Falk, Jim Musgrove Rig Duke rig 8
 Location: Sec. 35 Twp. 11^s Rge. 15^w Co. Russell State Ko

Interval Tested 3223-3273 Zone Tested Arbuckle
 Anchor Length 50 Drill Pipe Run 3218 Mud Wt. 9.1
 Top Packer Depth 3218 Drill Collars Run - Vis 50
 Bottom Packer Depth 3223 Wt. Pipe Run - WL 8
 Total Depth 3273 Chlorides 7600 ppm System LCM TR

Blow Description IFP - STRONG Blow thru-out
ISTP - NO Blow
FFP - STRONG Blow thru-out
FSTP - NO Blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------|-----------|-----------|-----------|------|
| <u>255</u> | <u>MGO</u> | <u>10</u> | <u>50</u> | <u>40</u> | |
| <u>805</u> | <u>CO</u> | | | | |
| <u>186</u> | <u>0+6 CW</u> | <u>5</u> | <u>10</u> | <u>80</u> | |
| <u>124</u> | <u>WATER</u> | | | | |

Rec Total 1370 BHT 1 Gravity 29 API RW .31 @ 70 ° F Chlorides 23000 ppm

(A) Initial Hydrostatic 1552 Test 1150 T-On Location 1310
 (B) First Initial Flow 417 Jars _____ T-Started 1345
 (C) First Final Flow 614 Safety Joint _____ T-Open 1520
 (D) Initial Shut-In 989 Circ Sub _____ T-Pulled 1635
 (E) Second Initial Flow 597 Hourly Standby _____ T-Out 1931
 (F) Second Final Flow 773 Mileage 88RT 136.40 Comments _____
 (G) Final Shut-In 987 Sampler _____
 (H) Final Hydrostatic 1547 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 10 Extra Packer _____ Extra Copies _____
 Initial Shut-In 20 Extra Recorder _____ Sub Total 0
 Final Flow 15 Day Standby _____ Total 1286.40
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1286.40

Approved By _____ Our Representative Ray Schwager Thank you

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