



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Bbox 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik Equities #4-35

35-24s-30w Gray,KS

Start Date: 2014.08.22 @ 17:08:57

End Date: 2014.08.23 @ 02:00:27

Job Ticket #: 57316 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.08.25 @ 09:37:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Bbox 399
Garden City, KS 67846
ATTN: Kevin Timson

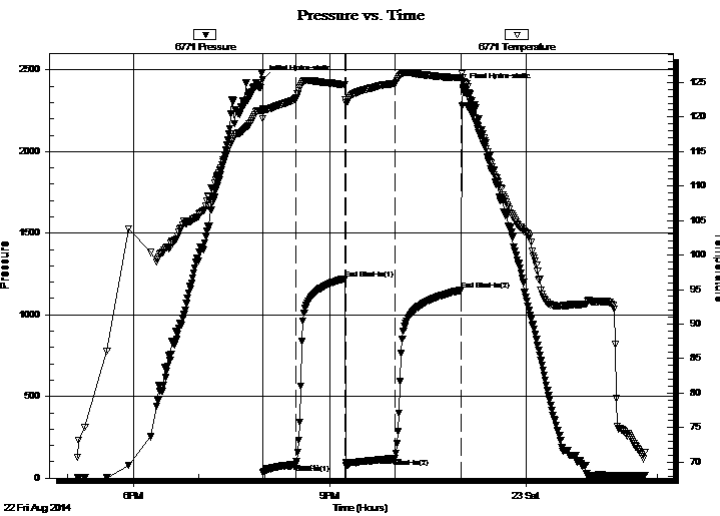
35-24s-30w Gray, KS
Irsik Equities #4-35
Job Ticket: 57316 **DST#: 1**
Test Start: 2014.08.22 @ 17:08:57

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:58:42
Time Test Ended: 02:00:27
Interval: **4872.00 ft (KB) To 4898.00 ft (KB) (TVD)**
Total Depth: 4898.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 2855.00 ft (KB)
2844.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771 Inside
Press@RunDepth: 121.74 psig @ 4873.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.22 End Date: 2014.08.23 Last Calib.: 2014.08.23
Start Time: 17:08:57 End Time: 01:48:27 Time On Btm: 2014.08.22 @ 19:58:27
Time Off Btm: 2014.08.22 @ 23:01:57

TEST COMMENT: B.O.B. in 3 min
Return blow in 5 min. built to 1 1/2"
B.O.B. in 2 min.
Return blow in 1 min B.O.B. in 14 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2440.66 | 121.11 | Initial Hydro-static |
| 1 | 34.83 | 119.77 | Open To Flow (1) |
| 31 | 84.46 | 122.65 | Shut-In(1) |
| 75 | 1221.60 | 124.66 | End Shut-In(1) |
| 77 | 75.30 | 122.08 | Open To Flow (2) |
| 122 | 121.74 | 124.84 | Shut-In(2) |
| 183 | 1151.82 | 125.68 | End Shut-In(2) |
| 184 | 2392.04 | 125.67 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 186.00 | g s m c o 20g 10m 70o | 0.91 |
| 155.00 | c g o 15g 85o | 1.61 |
| 0.00 | 3570' gas in pipe | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Bbox 399
Garden City, KS 67846
ATTN: Kevin Timson

35-24s-30w Gray,KS
Irsik Equities #4-35
Job Ticket: 57316 **DST#: 1**
Test Start: 2014.08.22 @ 17:08:57

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4619.00 ft | Diameter: 3.80 inches | Volume: 64.79 bbl | Tool Weight: 1500.00 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: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl | Weight to Pull Loose: 95000.00 lb |
| | | | <u>Total Volume: 66.01 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial 80000.00 lb |
| Depth to Top Packer: | 4872.00 ft | | | Final 82000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 26.00 ft | | | |
| Tool Length: | 54.00 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 | | | 4845.00 | |
| Shut In Tool | 5.00 | | | 4850.00 | |
| Hydraulic tool | 5.00 | | | 4855.00 | |
| Jars | 5.00 | | | 4860.00 | |
| Safety Joint | 3.00 | | | 4863.00 | |
| Packer | 5.00 | | | 4868.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4872.00 | |
| Stubb | 1.00 | | | 4873.00 | |
| Recorder | 0.00 | 6771 | Inside | 4873.00 | |
| Recorder | 0.00 | 8844 | Outside | 4873.00 | |
| Perforations | 20.00 | | | 4893.00 | |
| Bullnose | 5.00 | | | 4898.00 | 26.00 Bottom Packers & Anchor |

Total Tool Length: 54.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Bbox 399
Garden City, KS 67846
ATTN: Kevin Timson

35-24s-30w Gray,KS
Irsik Equities #4-35
Job Ticket: 57316 **DST#: 1**
Test Start: 2014.08.22 @ 17:08:57

Mud and Cushion Information

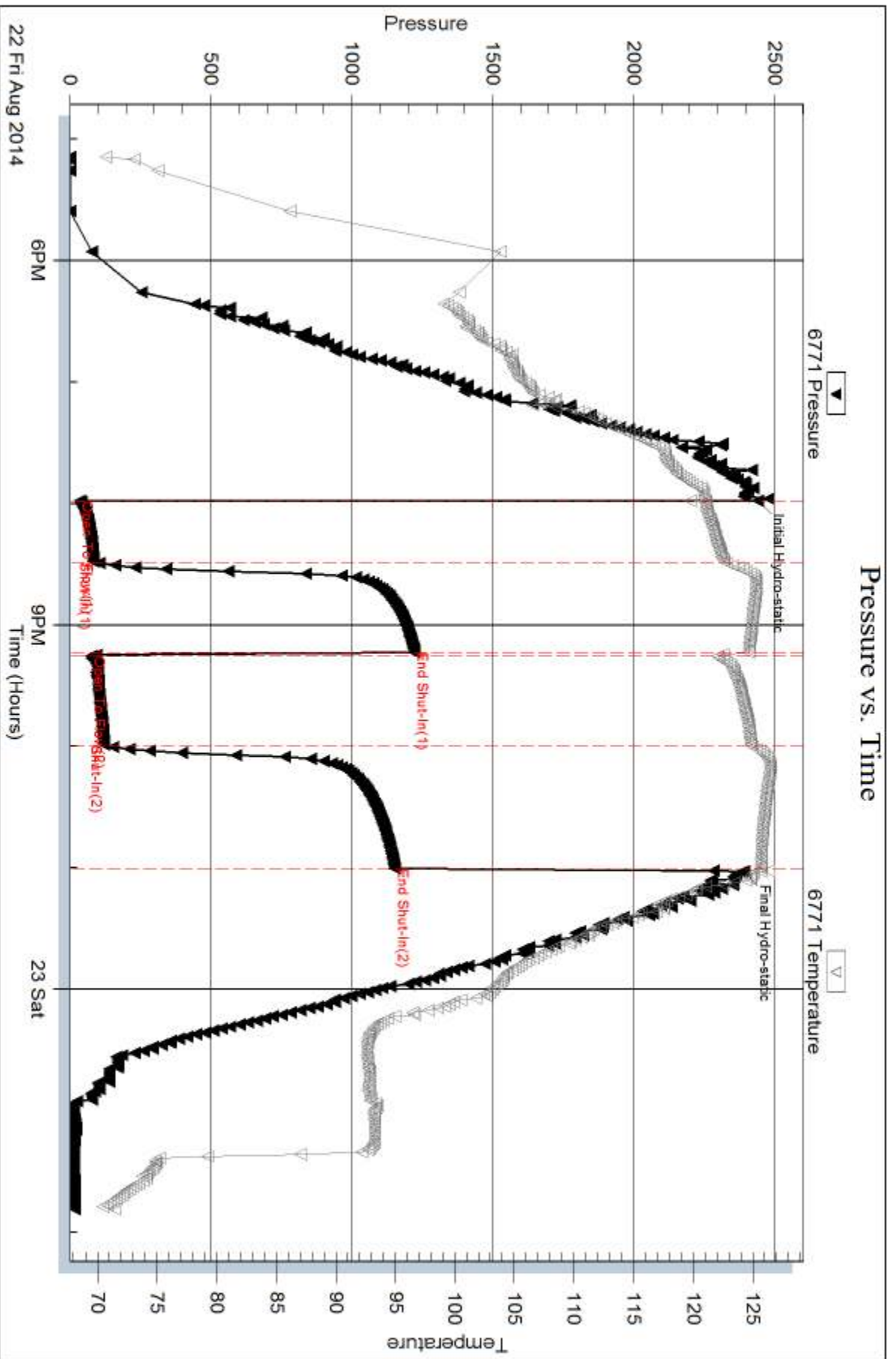
| | | |
|----------------------------------|----------------------------|-----------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 28 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 0 ppm |
| Viscosity: 47.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 7.94 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 3000.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------|---------------|
| 186.00 | g s m c o 20g 10m 70o | 0.915 |
| 155.00 | c g o 15g 85o | 1.609 |
| 0.00 | 3570' gas in pipe | 0.000 |

Total Length: 341.00 ft Total Volume: 2.524 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 Bbox 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik Equities #4-35

35-24s-30w Gray,KS

Start Date: 2014.08.23 @ 15:05:31

End Date: 2014.08.23 @ 21:15:01

Job Ticket #: 57317 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.08.25 @ 09:34:38



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Bbox 399
 Garden City, KS 67846
 ATTN: Kevin Timson

35-24s-30w Gray, KS
Irsik Equities #4-35
 Job Ticket: 57317 **DST#: 2**
 Test Start: 2014.08.23 @ 15:05:31

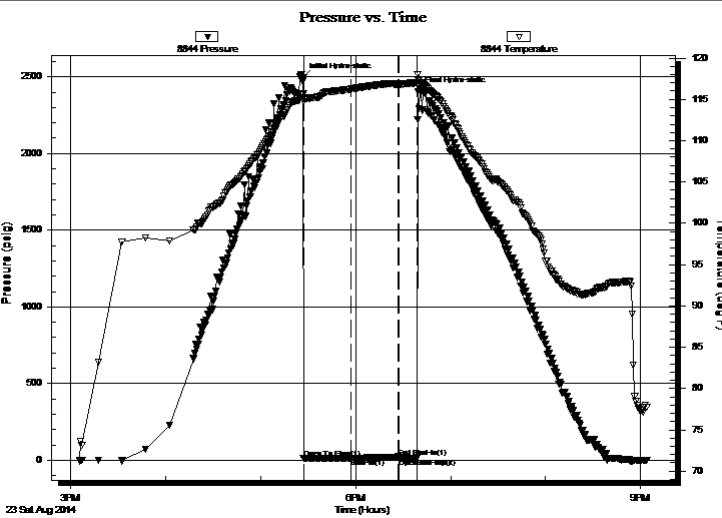
GENERAL INFORMATION:

Formation: **St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:27:01
 Time Test Ended: 21:15:01
 Interval: **4920.00 ft (KB) To 4950.00 ft (KB) (TVD)**
 Total Depth: 4950.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2855.00 ft (KB)
 2844.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8844 Outside

Press@RunDepth: 13.93 psig @ 4921.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.23 End Date: 2014.08.23 Last Calib.: 2014.08.23
 Start Time: 15:05:31 End Time: 21:04:01 Time On Btm: 2014.08.23 @ 17:26:46
 Time Off Btm: 2014.08.23 @ 18:39:16

TEST COMMENT: Weak blow died in 5 min.
 No return
 No blow , pull tool



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2495.39 | 115.67 | Initial Hydro-static |
| 1 | 12.26 | 114.74 | Open To Flow (1) |
| 30 | 13.93 | 116.25 | Shut-In(1) |
| 60 | 21.81 | 116.81 | End Shut-In(1) |
| 61 | 12.59 | 116.83 | Open To Flow (2) |
| 72 | 13.24 | 117.03 | Shut-In(2) |
| 73 | 2404.14 | 117.36 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1.00 | mud 100%m | 0.00 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Bbox 399
Garden City, KS 67846
ATTN: Kevin Timson

35-24s-30w Gray,KS
Irsik Equities #4-35
Job Ticket: 57317 **DST#: 2**
Test Start: 2014.08.23 @ 15:05:31

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4649.00 ft | Diameter: 3.80 inches | Volume: 65.21 bbl | Tool Weight: | 1500.00 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: 248.00 ft | Diameter: 2.25 inches | Volume: 1.22 bbl | Weight to Pull Loose: | 95000.00 lb |
| | | | <u>Total Volume: 66.43 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 5.00 ft | | | String Weight: Initial | 80000.00 lb |
| Depth to Top Packer: | 4920.00 ft | | | Final | 80000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 30.00 ft | | | | |
| Tool Length: | 58.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | | |

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

| | | | | | |
|-----------------|-------|------|---------|---------|------------------------------------|
| Change Over Sub | 1.00 | | | 4893.00 | |
| Shut In Tool | 5.00 | | | 4898.00 | |
| Hydraulic tool | 5.00 | | | 4903.00 | |
| Jars | 5.00 | | | 4908.00 | |
| Safety Joint | 3.00 | | | 4911.00 | |
| Packer | 5.00 | | | 4916.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4920.00 | |
| Stubb | 1.00 | | | 4921.00 | |
| Recorder | 0.00 | 6771 | Inside | 4921.00 | |
| Recorder | 0.00 | 8844 | Outside | 4921.00 | |
| Perforations | 24.00 | | | 4945.00 | |
| Bullnose | 5.00 | | | 4950.00 | 30.00 Bottom Packers & Anchor |

Total Tool Length: 58.00



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FLUID SUMMARY

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PO Bbox 399
Garden City, KS 67846
ATTN: Kevin Timson

35-24s-30w Gray,KS
Irsik Equities #4-35
Job Ticket: 57317 **DST#: 2**
Test Start: 2014.08.23 @ 15:05:31

Mud and Cushion Information

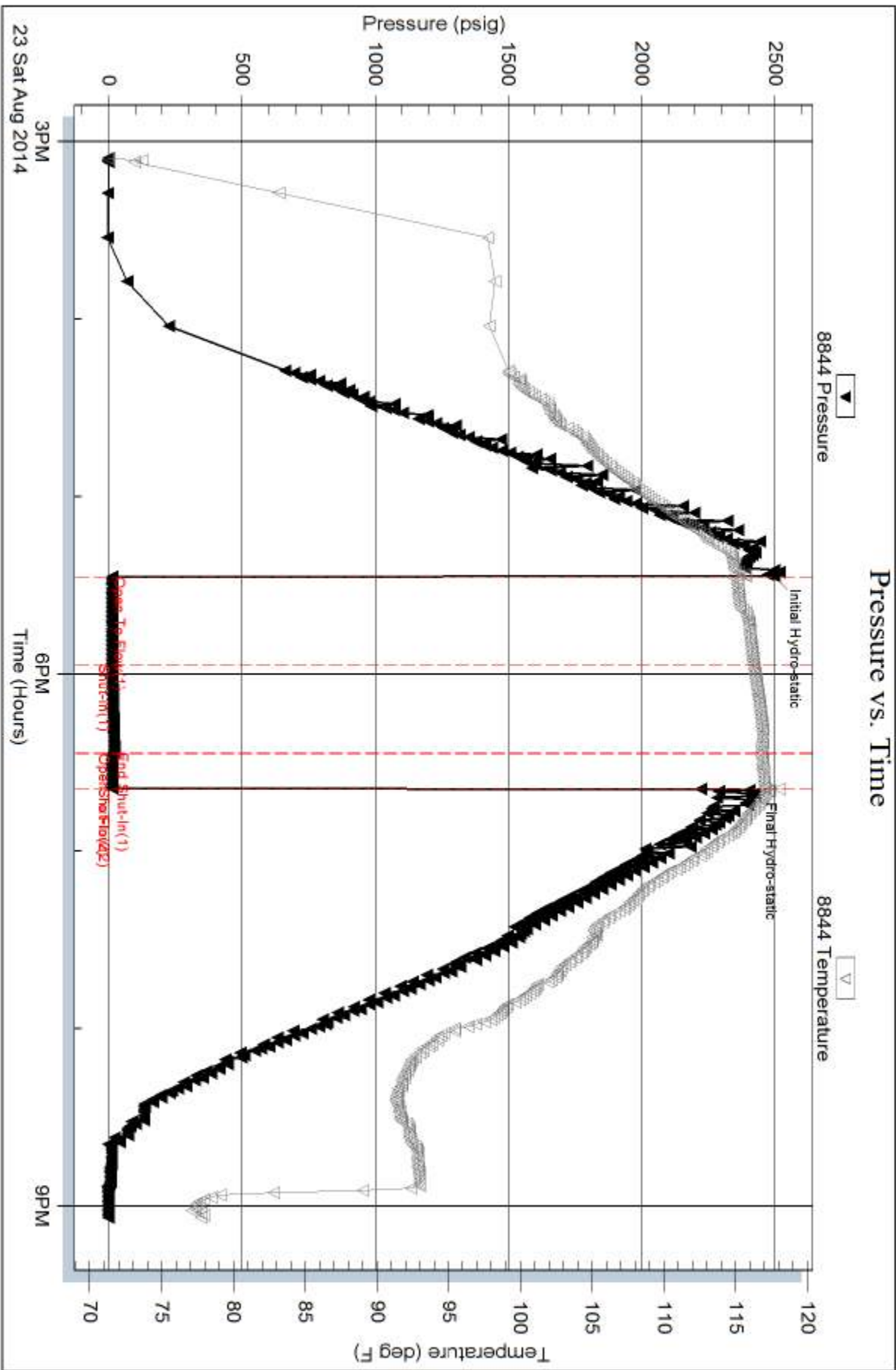
| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 0 ppm |
| Viscosity: 58.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.79 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 4000.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1.00 | mud 100%m | 0.005 |

Total Length: 1.00 ft Total Volume: 0.005 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



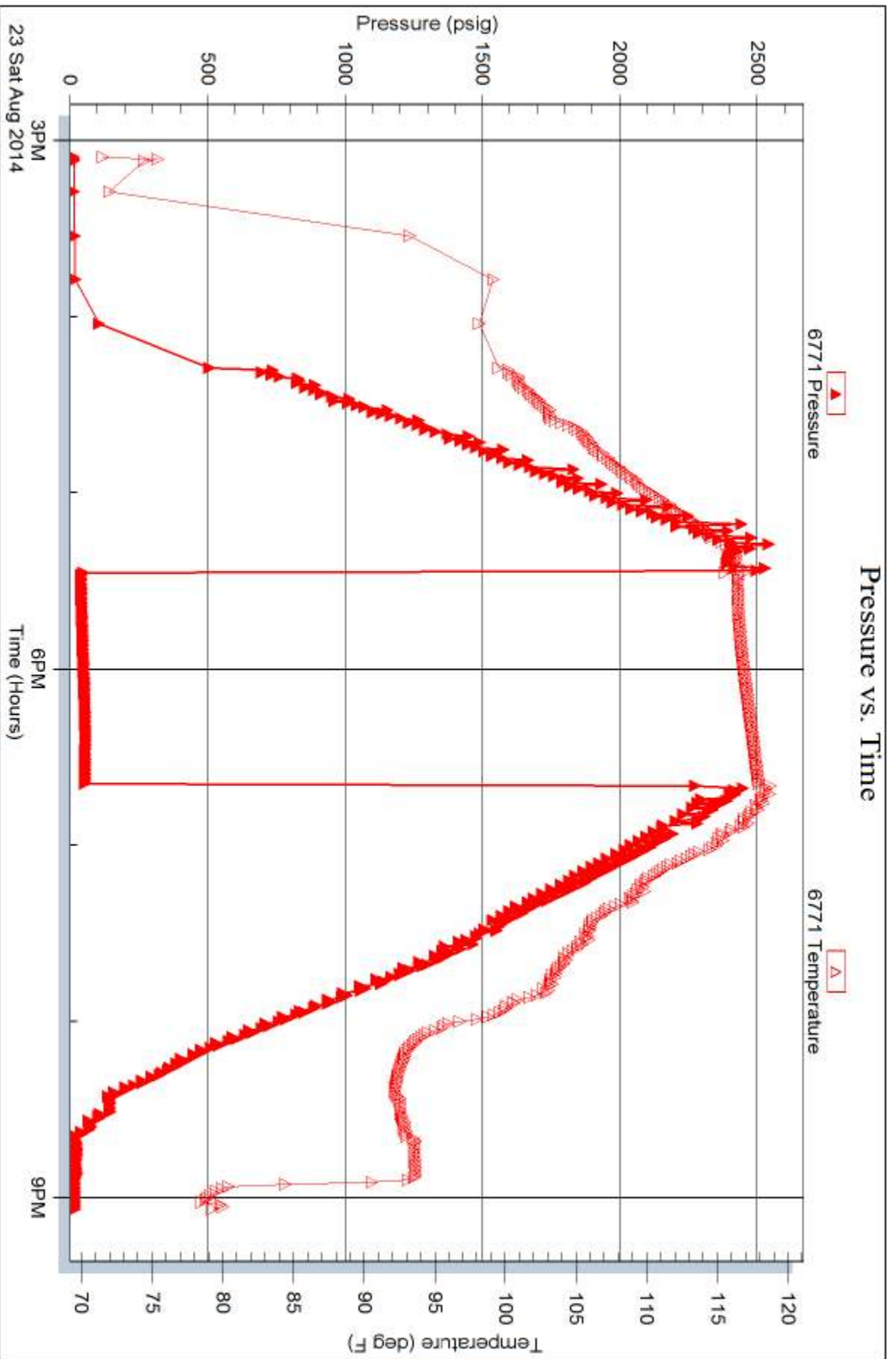
Serial #: 6771

Inside

American Warrior Inc

Islik Equities #4-35

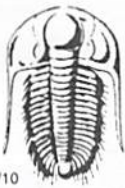
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57317

Printed: 2014.08.25 @ 09:34:40



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57316

4/10

Well Name & No. Irish Equities # 4-35 Test No. #1 Date 8/22/14
 Company American Warrior Inc. Elevation 2855 KB 2804 GL
 Address 318 Gummings Rd P.O. Box 399 Garden City, KS 67840
 Co. Rep / Geol Kevin Amson Rig Dyke #5
 Location: Sec. 35 Twp. 24S Rge. 30W Co. Gray State Ks

Interval Tested 4872 4898 Zone Tested Morrow
 Anchor Length 26 Drill Pipe Run 4619 Mud Wt. 9.3
 Top Packer Depth 4807 Drill Collars Run 248' Vis 47
 Bottom Packer Depth 4872 Wt. Pipe Run --- WL 8.0
 Total Depth 4898 Chlorides 3000 ppm System LCM #2

Blow Description B.O.B. in 3min
Return blow in 5 min built to 1 1/2" in.
B.O.B. in 2min
Return blow in 1 min B.O.B. in 14 min.

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|------------------------------------|-----------|-----------|--------|-----------|
| <u>155</u> | <u>C90</u> | <u>15</u> | <u>85</u> | | |
| <u>186</u> | <u>gsmco</u> | <u>20</u> | <u>70</u> | | <u>10</u> |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of <u>(3570' GAS IN PIPE)</u> | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |

Rec Total 341' BHT 126° Gravity 28 API RW --- @ --- °F Chlorides --- ppm

| | | | |
|-------------------------------------|---|--------|--|
| (A) Initial Hydrostatic <u>2440</u> | <input checked="" type="checkbox"/> Test | 1250 | T-On Location <u>14:30</u> |
| (B) First Initial Flow <u>34</u> | <input checked="" type="checkbox"/> Jars | 250 | T-Started <u>17:08</u> |
| (C) First Final Flow <u>84</u> | <input checked="" type="checkbox"/> Safety Joint | 75 | T-Open <u>19:58</u> |
| (D) Initial Shut-In <u>1221</u> | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u> | | T-Pulled <u>22:58</u> |
| (E) Second Initial Flow <u>75</u> | <input type="checkbox"/> Hourly Standby | | T-Out <u>02:00</u> |
| (F) Second Final Flow <u>121</u> | <input checked="" type="checkbox"/> Mileage <u>114 RT</u> | 176.70 | Comments |
| (G) Final Shut-In <u>1131</u> | <input type="checkbox"/> Sampler | | |
| (H) Final Hydrostatic <u>2392</u> | <input type="checkbox"/> Straddle | | <input type="checkbox"/> Ruined Shale Packer |

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 40

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

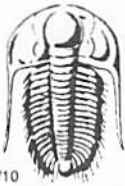
Sub Total 1751.70

Total 1751.70

MP/DST Disc't

Approved By _____ Our Representative [Signature]

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. 57317

4/10

Well Name & No. Frost Equities #4-35 Test No. #2 Date 8/23/14
 Company American Western Inc Elevation 2855' KB 2844 GL
 Address 3118 Gummrig Rd P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geol Kevin Tomson Rig Duke #5
 Location: Sec. 35 Twp. 24S Rge. 30W Co. Gray State Ks

Interval Tested 4920 4950 Zone Tested St Louis
 Anchor Length 30 Drill Pipe Run 4649 Mud Wt. 9.4
 Top Packer Depth 4915 Drill Collars Run 248' Vis 58
 Bottom Packer Depth 4920 Wt. Pipe Run _____ WL 8.8
 Total Depth 4950 Chlorides 4000 ppm System LCM #2
 Blow Description Weak blow and on 5 min.
No return
No blow - Pull Tool

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----|---------|------|------|--------|------|
| 1' | Mad | | | 100% | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 1' BHT 118° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

| | | |
|-------------------------------------|--|--|
| (A) Initial Hydrostatic <u>2495</u> | <input checked="" type="checkbox"/> Test <u>1250</u> | T-On Location <u>14:40</u> |
| (B) First Initial Flow <u>12</u> | <input checked="" type="checkbox"/> Jars <u>250</u> | T-Started <u>15:05</u> |
| (C) First Final Flow <u>13</u> | <input checked="" type="checkbox"/> Safety Joint <u>75</u> | T-Open <u>17:27</u> |
| (D) Initial Shut-In <u>21</u> | <input checked="" type="checkbox"/> Circ Sub <u>n/c</u> | T-Pulled <u>18:37</u> |
| (E) Second Initial Flow <u>12</u> | <input type="checkbox"/> Hourly Standby _____ | T-Out <u>21:15</u> |
| (F) Second Final Flow <u>13</u> | <input checked="" type="checkbox"/> Mileage <u>114 MI</u> 176.70 | Comments <u>Released & headed</u> |
| (G) Final Shut-In _____ | <input type="checkbox"/> Sampler _____ | <u>tool @ 22:06 on</u> |
| (H) Final Hydrostatic <u>2404</u> | <input type="checkbox"/> Straddle _____ | <u>8/23/14</u> |
| | <input type="checkbox"/> Shale Packer _____ | <input type="checkbox"/> Ruined Shale Packer _____ |
| | <input type="checkbox"/> Extra Packer _____ | <input type="checkbox"/> Ruined Packer _____ |
| Initial Open <u>30</u> | <input type="checkbox"/> Extra Recorder _____ | Sub Total <u>0</u> |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Day Standby _____ | Total <u>1751.70</u> |
| Final Flow <u>10</u> | <input type="checkbox"/> Accessibility _____ | MP/DST Disc't _____ |
| Final Shut-In <u>pull tool</u> | Sub Total <u>1751.70</u> | |

Approved By _____ Our Representative [Signature]

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.