



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Clark #6-2

S2-25s-31w Finney,KS

Start Date: 2014.08.29 @ 17:45:00

End Date: 2014.08.30 @ 00:53:50

Job Ticket #: 57380 DST #: 1

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

Printed: 2014.09.02 @ 16:27:03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

S2-25s-31w Finney,KS

Clark #6-2

Job Ticket: 57380 **DST#: 1**
Test Start: 2014.08.29 @ 17:45:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:36:50
Time Test Ended: 00:53:50
Interval: **4838.00 ft (KB) To 4894.00 ft (KB) (TVD)**
Total Depth: 4894.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chuck Smith
Unit No: 61
Reference Elevations: 2855.00 ft (KB)
2844.00 ft (CF)
KB to GR/CF: 11.00 ft

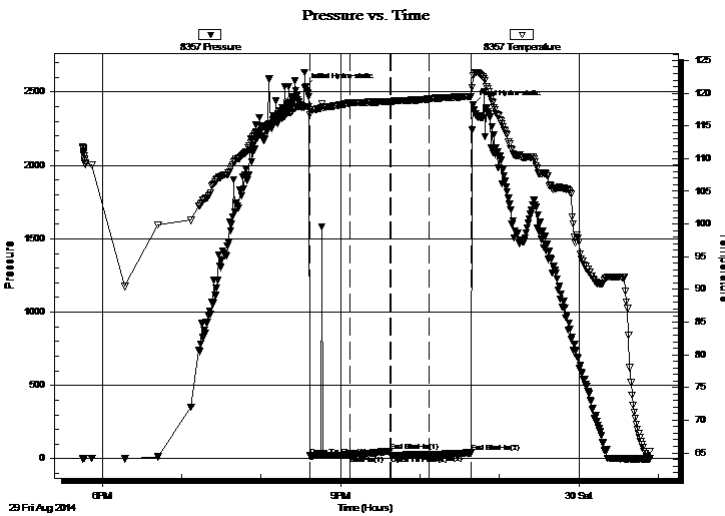
Serial #: 8357

Inside

Press@RunDepth: 28.92 psig @ 4840.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.29 End Date: 2014.08.30 Last Calib.: 2014.08.30
Start Time: 17:45:02 End Time: 00:53:49 Time On Btm: 2014.08.29 @ 20:33:10
Time Off Btm: 2014.08.29 @ 22:40:10

TEST COMMENT: 30- No blow , flushed tool, surge died.
30- No return.
30- No blow .
30- No return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2529.54 | 117.94 | Initial Hydro-static |
| 4 | 19.51 | 116.67 | Open To Flow (1) |
| 34 | 24.67 | 118.48 | Shut-In(1) |
| 64 | 53.31 | 118.75 | End Shut-In(1) |
| 65 | 24.12 | 118.74 | Open To Flow (2) |
| 94 | 28.92 | 119.12 | Shut-In(2) |
| 126 | 41.21 | 119.52 | End Shut-In(2) |
| 127 | 2412.46 | 122.62 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 0.00 | RW: @ Degrees F = PPM | 0.00 |
| 5.00 | M 100m | 0.07 |
| | | |
| | | |
| | | |

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: Wyatt Urban

S2-25s-31w Finney,KS

Clark #6-2

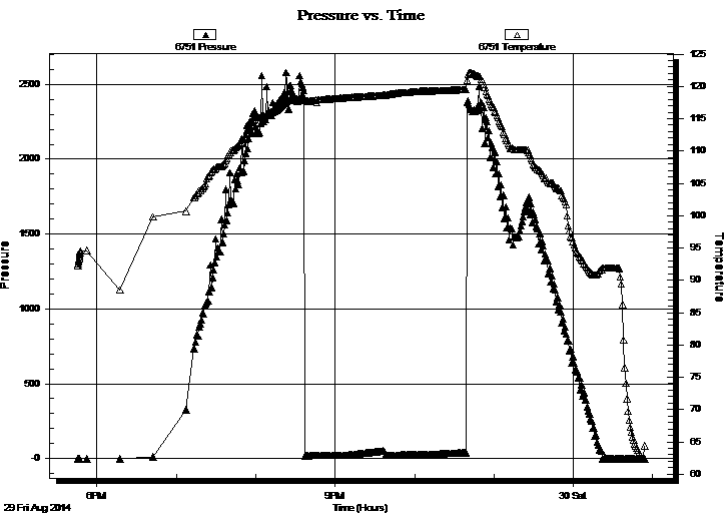
Job Ticket: 57380 **DST#: 1**
 Test Start: 2014.08.29 @ 17:45:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 20:36:50
 Tester: Chuck Smith
 Time Test Ended: 00:53:50
 Unit No: 61
 Interval: **4838.00 ft (KB) To 4894.00 ft (KB) (TVD)**
 Reference Elevations: 2855.00 ft (KB)
 Total Depth: 4894.00 ft (KB) (TVD)
 2844.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 6751 Outside
 Press@RunDepth: psig @ 4840.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.29 End Date: 2014.08.30 Last Calib.: 2014.08.30
 Start Time: 17:45:22 End Time: 00:53:50 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30- No blow , flushed tool, surge died.
 30- No return.
 30- No blow .
 30- No return.



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 0.00 | RW: @ Degrees F = PPM | 0.00 |
| 5.00 | M 100m | 0.07 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

S2-25s-31w Finney,KS
Clark #6-2
Job Ticket: 57380 **DST#: 1**
Test Start: 2014.08.29 @ 17:45:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4833.50 ft | Diameter: 3.80 inches | Volume: 67.80 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 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: 67.80 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial 68000.00 lb |
| Depth to Top Packer: | 4838.00 ft | | | Final 68000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 56.00 ft | | | |
| Tool Length: | 83.50 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 | | | 4811.50 | |
| Shut In Tool | 5.00 | | | 4816.50 | |
| Hydraulic tool | 5.00 | | | 4821.50 | |
| Jars | 5.00 | | | 4826.50 | |
| Safety Joint | 2.50 | | | 4829.00 | |
| Packer | 5.00 | | | 4834.00 | 27.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4838.00 | |
| Stubb | 1.00 | | | 4839.00 | |
| Perforations | 1.00 | | | 4840.00 | |
| Recorder | 0.00 | 8357 | Inside | 4840.00 | |
| Recorder | 0.00 | 6751 | Outside | 4840.00 | |
| Perforations | 18.00 | | | 4858.00 | |
| Change Over Sub | 1.00 | | | 4859.00 | |
| Drill Pipe | 31.00 | | | 4890.00 | |
| Change Over Sub | 1.00 | | | 4891.00 | |
| Bullnose | 3.00 | | | 4894.00 | 56.00 Bottom Packers & Anchor |
| Total Tool Length: | 83.50 | | | | |



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

S2-25s-31w Finney,KS
Clark #6-2
Job Ticket: 57380 **DST#: 1**
Test Start: 2014.08.29 @ 17:45:00

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 0 deg API |
| Mud Weight: 10.00 lb/gal | Cushion Length: ft | Water Salinity: | 0 ppm |
| Viscosity: 60.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.78 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3750.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

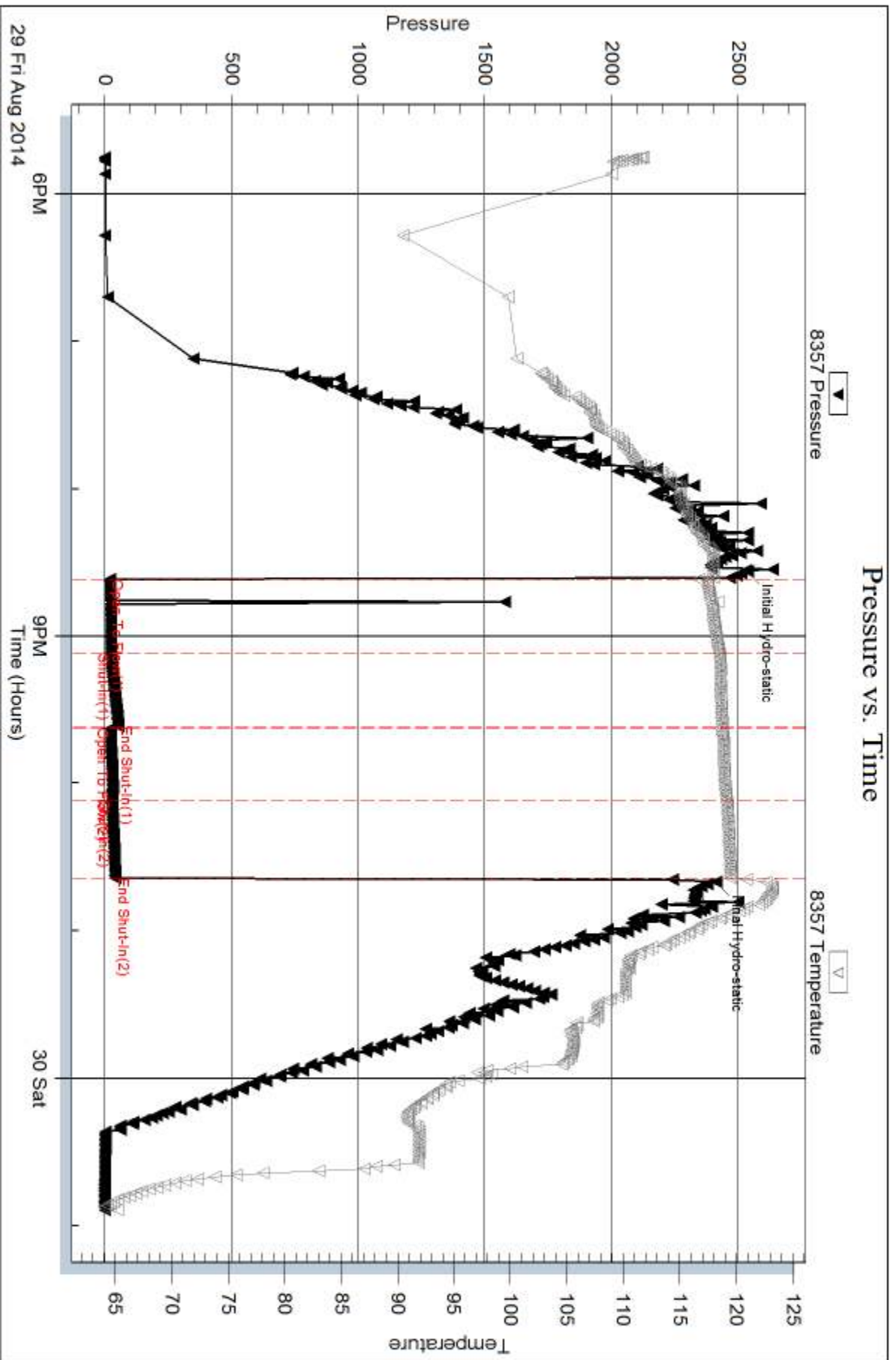
Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------|---------------|
| 0.00 | RW: @ Degrees F = PPM | 0.000 |
| 5.00 | M 100m | 0.070 |

Total Length: 5.00 ft Total Volume: 0.070 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: API: @ Degrees F =

Pressure vs. Time

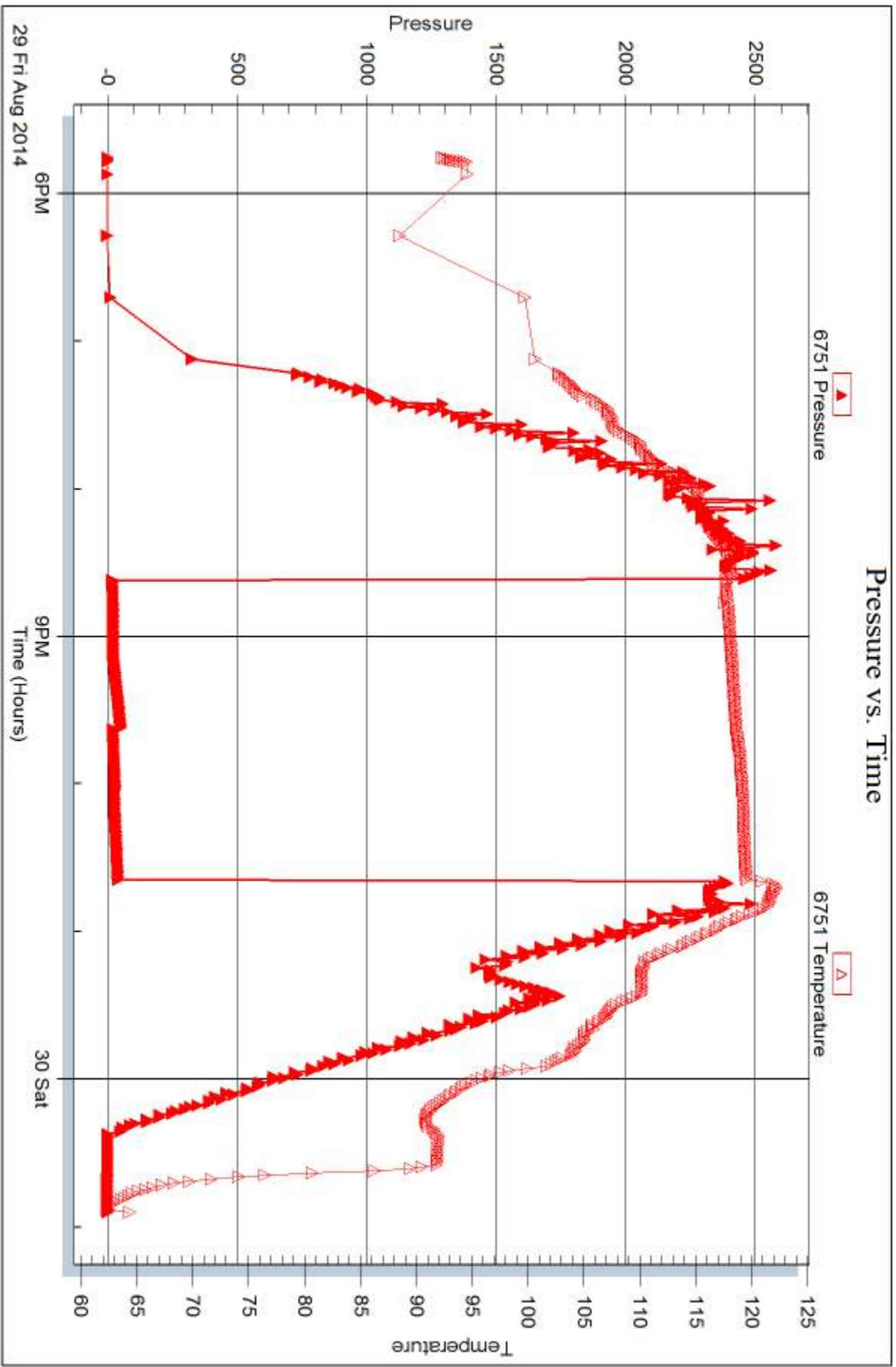


Serial #: 6751

Outside American Warrior, Inc

Clark #8-2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Clark #6-2

S2-25s-31w Finney,KS

Start Date: 2014.08.30 @ 10:45:00

End Date: 2014.08.30 @ 18:40:00

Job Ticket #: 57381 DST #: 2

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

Printed: 2014.09.02 @ 16:26:24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

S2-25s-31w Finney, KS

Clark #6-2

Job Ticket: 57381 **DST#: 2**
 Test Start: 2014.08.30 @ 10:45:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:09:30
 Time Test Ended: 18:40:00
 Interval: **4904.00 ft (KB) To 4950.00 ft (KB) (TVD)**
 Total Depth: 4950.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 61
 Reference Elevations: 2855.00 ft (KB)
 2844.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

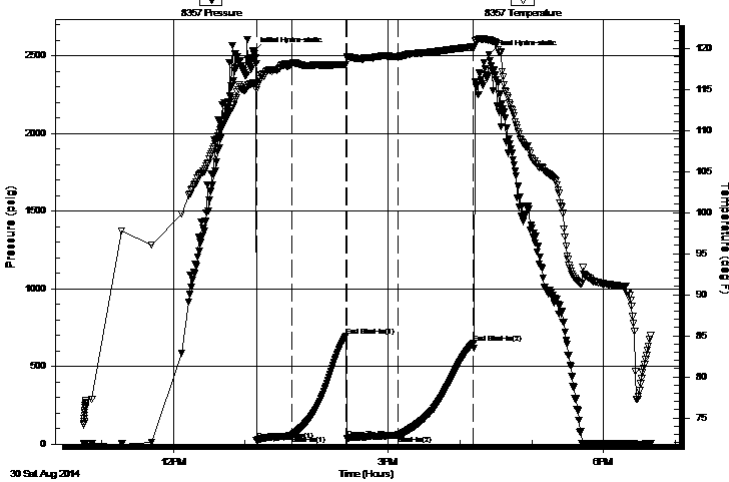
Press@RunDepth: 58.59 psig @ 4906.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.30 End Date: 2014.08.30 Last Calib.: 2014.08.30
 Start Time: 10:45:02 End Time: 18:40:00 Time On Btm: 2014.08.30 @ 13:07:20
 Time Off Btm: 2014.08.30 @ 16:24:20

TEST COMMENT: 30- 4" Blow .
 45- No return.
 45- 5" Blow built to B.O.B. @ 10 minutes.
 60- No return.

PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2526.17 | 115.79 | Initial Hydro-static |
| 3 | 23.01 | 114.99 | Open To Flow (1) |
| 32 | 56.07 | 118.16 | Shut-In(1) |
| 77 | 695.32 | 118.04 | End Shut-In(1) |
| 79 | 35.83 | 118.92 | Open To Flow (2) |
| 121 | 58.59 | 119.01 | Shut-In(2) |
| 184 | 652.48 | 120.17 | End Shut-In(2) |
| 198 | 2507.17 | 121.03 | Final Hydro-static |

Pressure vs. Time



Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 55.00 | GOCM 45g 2o 53m | 0.77 |
| 45.00 | GOWCM 10g 1o 2w 87m | 0.63 |
| 0.00 | 140' Weak GIP | 0.00 |
| | | |
| | | |

* 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
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

S2-25s-31w Finney,KS
Clark #6-2
Job Ticket: 57381 **DST#: 2**
Test Start: 2014.08.30 @ 10:45:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4895.00 ft | Diameter: 3.80 inches | Volume: 68.66 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: inches | Volume: 0.00 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: 105000.0 lb |
| | | | <u>Total Volume: 68.66 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 18.50 ft | | | String Weight: Initial 72000.00 lb |
| Depth to Top Packer: | 4904.00 ft | | | Final 75000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 46.00 ft | | | |
| Tool Length: | 73.50 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 | | | 4877.50 | |
| Shut In Tool | 5.00 | | | 4882.50 | |
| Hydraulic tool | 5.00 | | | 4887.50 | |
| Jars | 5.00 | | | 4892.50 | |
| Safety Joint | 2.50 | | | 4895.00 | |
| Packer | 5.00 | | | 4900.00 | 27.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4904.00 | |
| Stubb | 1.00 | | | 4905.00 | |
| Perforations | 1.00 | | | 4906.00 | |
| Recorder | 0.00 | 8357 | Inside | 4906.00 | |
| Recorder | 0.00 | 6751 | Outside | 4906.00 | |
| Perforations | 8.00 | | | 4914.00 | |
| Change Over Sub | 1.00 | | | 4915.00 | |
| Drill Pipe | 31.00 | | | 4946.00 | |
| Change Over Sub | 1.00 | | | 4947.00 | |
| Bullnose | 3.00 | | | 4950.00 | 46.00 Bottom Packers & Anchor |
| Total Tool Length: | 73.50 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

S2-25s-31w Finney,KS
Clark #6-2
Job Ticket: 57381 **DST#: 2**
Test Start: 2014.08.30 @ 10:45:00

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 10.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 68.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.78 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3750.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

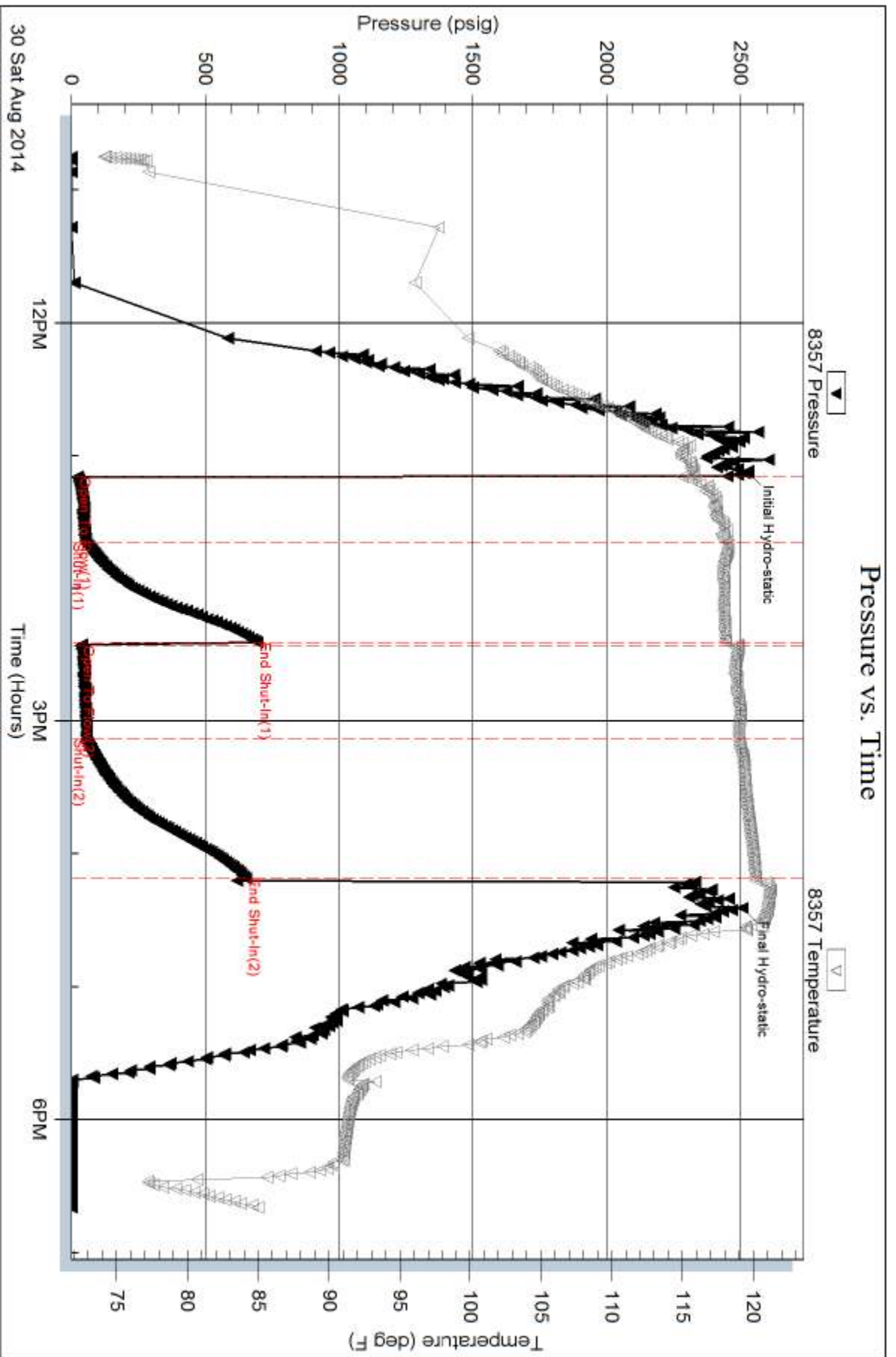
| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 55.00 | GOCM 45g 2o 53m | 0.772 |
| 45.00 | GOWCM 10g 1o 2w 87m | 0.631 |
| 0.00 | 140' Weak GIP | 0.000 |

Total Length: 100.00 ft Total Volume: 1.403 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Water too little to measure RW.

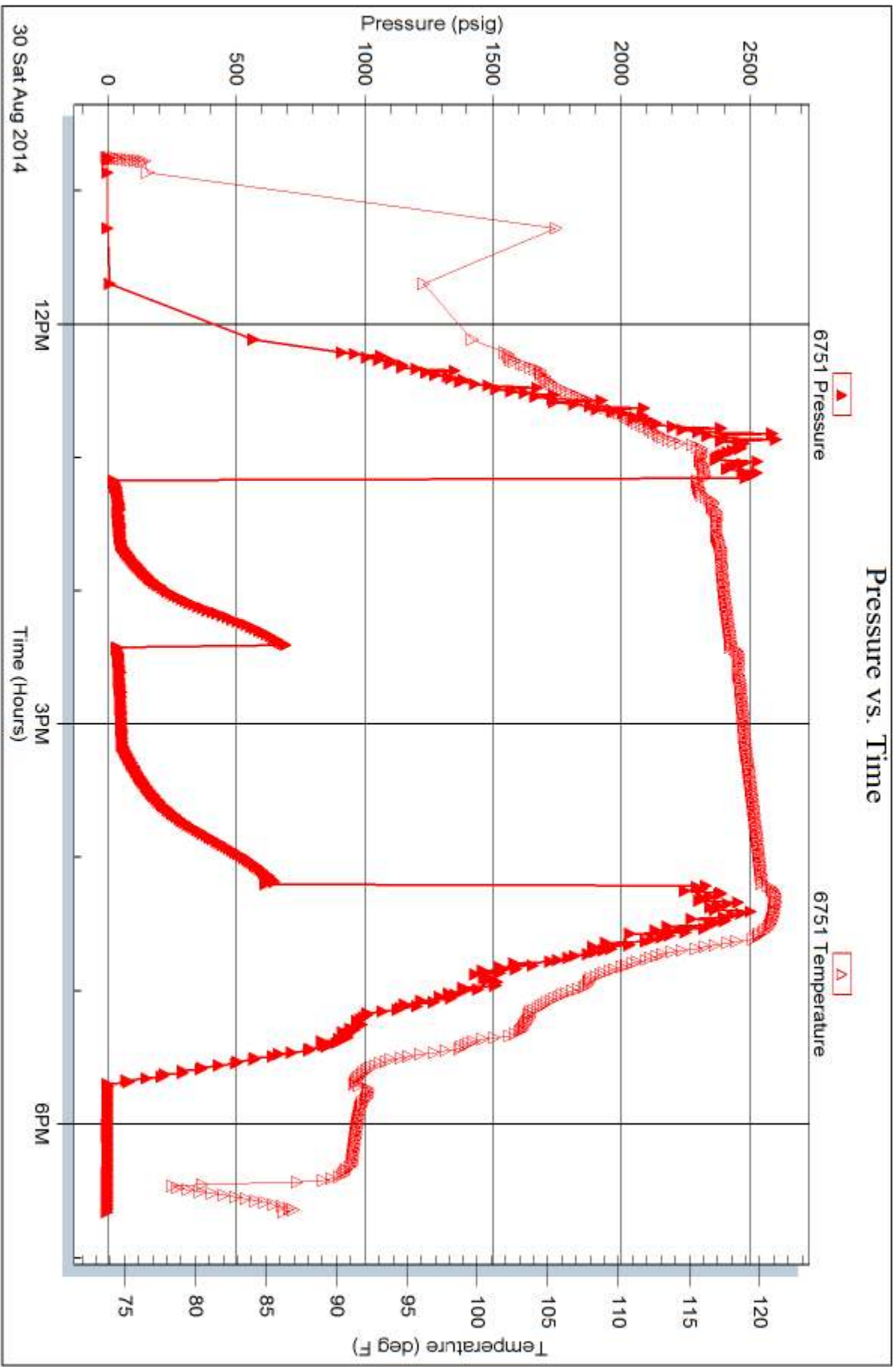


Serial #: 6751

Outside American Warrior, Inc

Clark #8-2

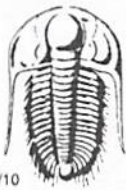
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57381

Printed: 2014.09.02 @ 16:26:25



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57380

Well Name & No. Clark 6-2 Test No. 1 Date 8-29-14
 Company American Warrior, Inc. Elevation 2855 KB 2844 GL
 Address 3118 Cumming RD Garden city Ks, 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #10
 Location: Sec. 2 Twp. 25s Rge. 31w Co. Finney State Ks

Interval Tested 4838 4894 Zone Tested Morrow sand
 Anchor Length 56 Drill Pipe Run 4833.5 Mud Wt. 9.5
 Top Packer Depth 4833 Drill Collars Run Ø Vis 60
 Bottom Packer Depth 4838 Wt. Pipe Run Ø WL 8.8
 Total Depth 4894 Chlorides 3750 ppm System LCM 2

Blow Description No blow, flushed tool, surge died.
No return.
No blow.
No return.

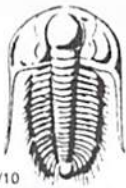
| Rec | Feet of | %gas | %oil | %water | %mud |
|--------------|------------------|------|------|-------------------|------|
| Rec <u>5</u> | Feet of <u>M</u> | | | %water <u>100</u> | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec | Feet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

Rec Total 5 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

| | | |
|--------------------------------------|--|--|
| (A) Initial Hydrostatic <u>25.30</u> | <input checked="" type="checkbox"/> Test <u>1250</u> | T-On Location <u>16:10</u> |
| (B) First Initial Flow <u>20</u> | <input checked="" type="checkbox"/> Jars <u>250</u> | T-Started <u>17:45</u> |
| (C) First Final Flow <u>25</u> | <input checked="" type="checkbox"/> Safety Joint <u>75</u> | T-Open <u>20:37</u> |
| (D) Initial Shut-In <u>53</u> | <input checked="" type="checkbox"/> Circ Sub <u>NIC</u> | T-Pulled <u>22:39</u> |
| (E) Second Initial Flow <u>24</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>00:54</u> |
| (F) Second Final Flow <u>29</u> | <input checked="" type="checkbox"/> Mileage <u>104 RT</u> 161.20 | Comments |
| (G) Final Shut-In <u>41</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>24.2</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| | <input type="checkbox"/> Day Standby | Total <u>1736.20</u> |
| | <input type="checkbox"/> Accessibility | MP/DST Disc't |
| | Sub Total <u>1736.20</u> | |

Approved By _____ Our Representative Chuck Smith

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. 57381

Well Name & No. Clark 6-2 Test No. 2 Date 8-30-14
 Company American Warriors, Inc. Elevation 2855 KB 2844 GL
 Address POB 399 Garden City, Ks 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #10
 Location: Sec. 2 Twp. 25s Rge. 3lw Co. Finney State K5

Interval Tested 4904-4950 Zone Tested St. Louis
 Anchor Length 46 Drill Pipe Run 489.5 Mud Wt. 9.5
 Top Packer Depth 4900 Drill Collars Run 0 Vis 68
 Bottom Packer Depth 4904 Wt. Pipe Run 0 WL 8.8
 Total Depth 4950 Chlorides 3250 ppm System LCM 1"
 Blow Description 4" Blow.
No return.
5" Blow built to B.O.B. @ 10 min.
No return.

| Rec | Feet of | %gas | %oil | %water | %mud |
|---------------|---|-----------|----------|----------|-----------|
| Rec <u>45</u> | Feet of <u>GOWCM</u> | <u>10</u> | <u>1</u> | <u>2</u> | <u>87</u> |
| Rec <u>55</u> | Feet of <u>GOCM</u> | <u>45</u> | <u>2</u> | | <u>53</u> |
| Rec | Feet of <u>170' Weak GTP</u> | | | | |
| Rec | Feet of <u>Water amount \$7.5.T.M. for RW</u> | | | | |

Rec Total 100 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

| | | |
|-------------------------------------|--|--|
| (A) Initial Hydrostatic <u>2526</u> | <input checked="" type="checkbox"/> Test <u>1250</u> | T-On Location <u>10:42</u> |
| (B) First Initial Flow <u>23</u> | <input checked="" type="checkbox"/> Jars <u>250</u> | T-Started <u>10:45</u> |
| (C) First Final Flow <u>56</u> | <input checked="" type="checkbox"/> Safety Joint <u>75</u> | T-Open <u>13:10</u> |
| (D) Initial Shut-In <u>695</u> | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u> | T-Pulled <u>16:11</u> |
| (E) Second Initial Flow <u>36</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>18:40</u> |
| (F) Second Final Flow <u>59</u> | <input checked="" type="checkbox"/> Mileage <u>161.20</u> | Comments |
| (G) Final Shut-In <u>652</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>2507</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| Initial Open <u>30</u> | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Shut-In <u>45</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Final Flow <u>45</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Shut-In <u>60</u> | <input type="checkbox"/> Day Standby | Total <u>1736.20</u> |
| | <input type="checkbox"/> Accessibility | MP/DST Disc't |
| | Sub Total <u>1736.20</u> | |

Approved By _____ Our Representative Chuck Arich

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.