



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

O Brate-Finney #1-36

36-25s-31w Finney,KS

Start Date: 2015.08.01 @ 22:25:36

End Date: 2015.08.02 @ 04:00:36

Job Ticket #: 61736 DST #: 1

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

Printed: 2015.08.04 @ 08:22:30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

36-25s-31w Finney, KS

O Brate-Finney #1-36

Job Ticket: 61736 **DST#: 1**

Test Start: 2015.08.01 @ 22:25:36

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:45:06
 Time Test Ended: 04:00:36
 Interval: **4590.00 ft (KB) To 4630.00 ft (KB) (TVD)**
 Total Depth: 4639.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2798.00 ft (KB)
 2788.00 ft (CF)
 KB to GR/CF: 10.00 ft

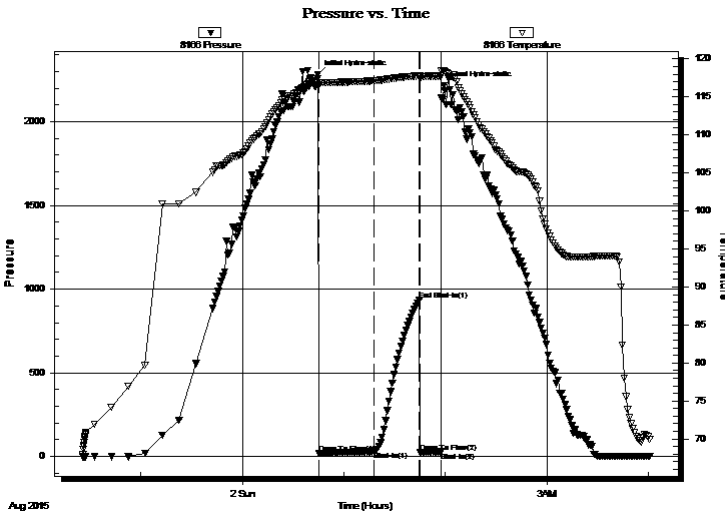
Serial #: 8166

Outside

Press@RunDepth: 27.81 psig @ 4595.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.01 End Date: 2015.08.02 Last Calib.: 2015.08.02
 Start Time: 22:25:41 End Time: 04:00:35 Time On Btm: 2015.08.02 @ 00:44:36
 Time Off Btm: 2015.08.02 @ 01:59:06

TEST COMMENT: IF: Surface blow died in 6 min.
 IS: No return.
 FF: No blow.
 FS: Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.65	117.39	Initial Hydro-static
1	18.71	116.56	Open To Flow (1)
33	27.81	117.14	Shut-In(1)
60	934.14	117.81	End Shut-In(1)
61	26.41	117.33	Open To Flow (2)
73	27.22	117.74	Shut-In(2)
75	2214.01	118.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61736

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.08.01 @ 22:25:36

Tool Information

Drill Pipe:	Length: 4301.00 ft	Diameter: 3.80 inches	Volume: 60.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 61.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4590.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 675.00 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4568.00	
Shut In Tool	5.00			4573.00	
Hydraulic tool	5.00			4578.00	
Jars	5.00			4583.00	
Safety Joint	2.00			4585.00	
Packer	5.00			4590.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4594.00	
Stubb	1.00			4595.00	
Recorder	0.00	8373	Inside	4595.00	
Recorder	0.00	8166	Outside	4595.00	
Perforations	10.00			4605.00	
Change Over Sub	1.00			4606.00	
Drill Pipe	31.00			4637.00	
Change Over Sub	1.00			4638.00	
Bullnose	5.00			4643.00	53.00 Anchor Tool

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61736

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.08.01 @ 22:25:36

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

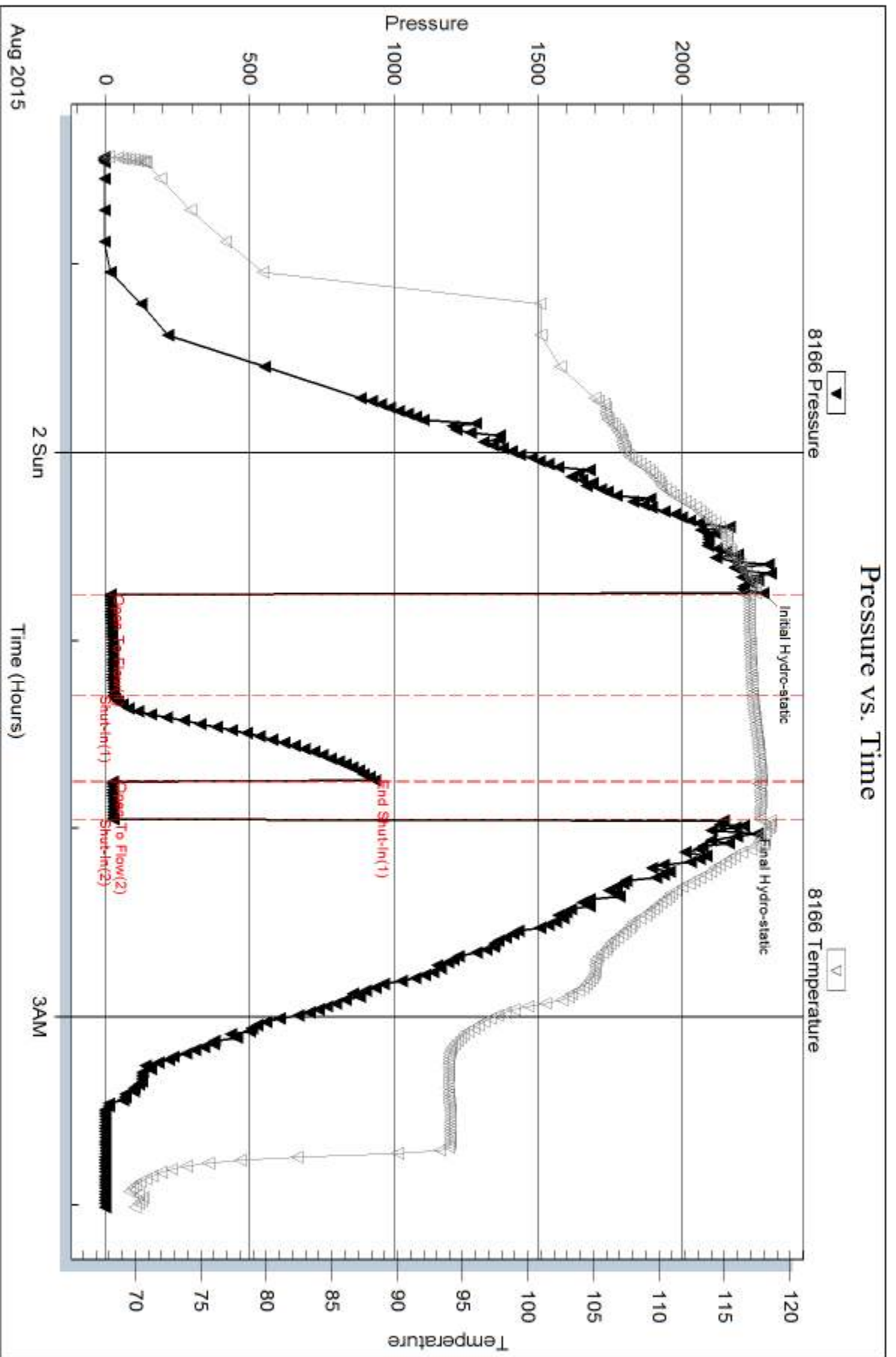
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



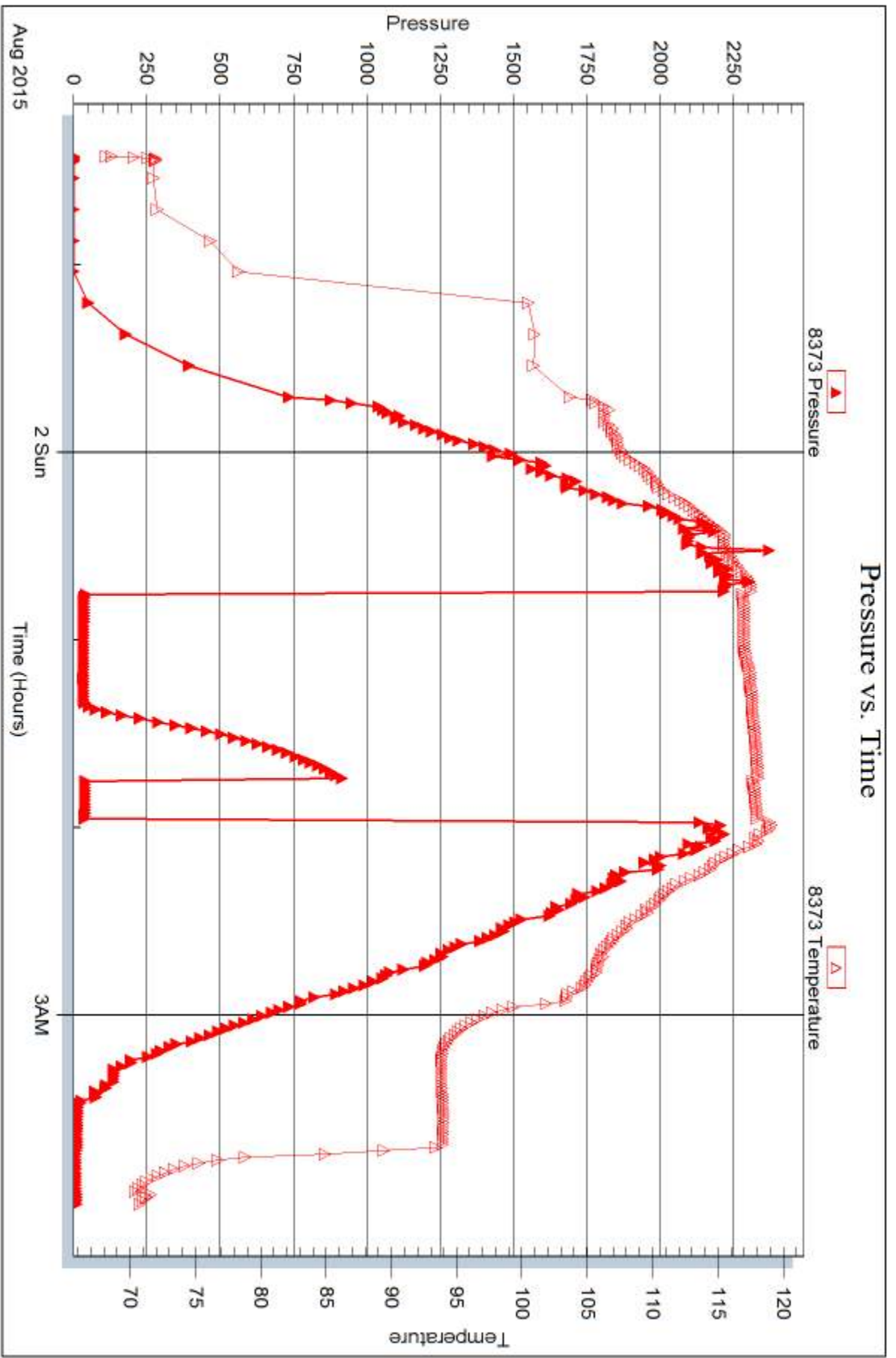
Serial #: 8373

Inside

American Warrior Inc

O Brate-Finney #1-36

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61736

Printed: 2015.08.04 @ 08:22:31



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

O Brate-Finney #1-36

36-25s-31w Finney,KS

Start Date: 2015.08.03 @ 09:25:46

End Date: 2015.08.03 @ 15:23:16

Job Ticket #: 61737 DST #: 2

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

Printed: 2015.08.04 @ 08:22:04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Luke Thompson

36-25s-31w Finney,KS

O Brate-Finney #1-36

Job Ticket: 61737 **DST#: 2**

Test Start: 2015.08.03 @ 09:25:46

GENERAL INFORMATION:

Formation: **Marrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:40:46
 Time Test Ended: 15:23:16
 Interval: **4850.00 ft (KB) To 4910.00 ft (KB) (TVD)**
 Total Depth: 4910.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2798.00 ft (KB)
 2788.00 ft (CF)
 KB to GR/CF: 10.00 ft

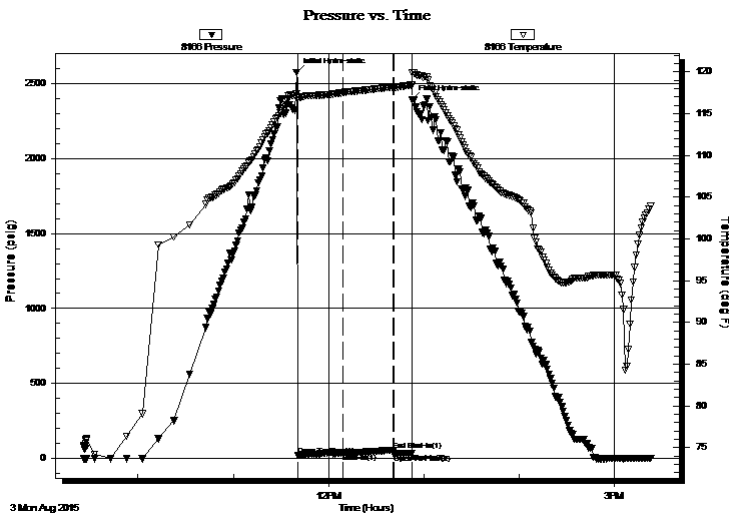
Serial #: 8166

Outside

Press@RunDepth: 36.93 psig @ 4855.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.03 End Date: 2015.08.03 Last Calib.: 2015.08.03
 Start Time: 09:25:51 End Time: 15:23:15 Time On Btm: 2015.08.03 @ 11:39:46
 Time Off Btm: 2015.08.03 @ 12:52:46

TEST COMMENT: IF: Surface blow died in 8 min.
 IS: No return.
 FF: No blow.
 FS: Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2574.59	117.40	Initial Hydro-static
1	21.00	116.90	Open To Flow (1)
30	36.93	117.52	Shut-In(1)
61	55.70	118.21	End Shut-In(1)
62	26.87	118.19	Open To Flow (2)
73	34.31	118.43	Shut-In(2)
73	2392.35	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

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

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61737

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.08.03 @ 09:25:46

Tool Information

Drill Pipe:	Length: 4582.00 ft	Diameter: 3.80 inches	Volume: 64.27 bbl	Tool Weight:	2000.00 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: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 65.60 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	4850.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	87.00 ft				
Number of Packers:	2	Diameter: 675.00 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4828.00	
Shut In Tool	5.00			4833.00	
Hydraulic tool	5.00			4838.00	
Jars	5.00			4843.00	
Safety Joint	2.00			4845.00	
Packer	5.00			4850.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4854.00	
Stubb	1.00			4855.00	
Recorder	0.00	8373	Inside	4855.00	
Recorder	0.00	8166	Outside	4855.00	
Perforations	21.00			4876.00	
Change Over Sub	1.00			4877.00	
Drill Pipe	31.00			4908.00	
Change Over Sub	1.00			4909.00	
Bullnose	5.00			4914.00	64.00 Anchor Tool

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

36-25s-31w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

O Brate-Finney #1-36

Job Ticket: 61737

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.08.03 @ 09:25:46

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

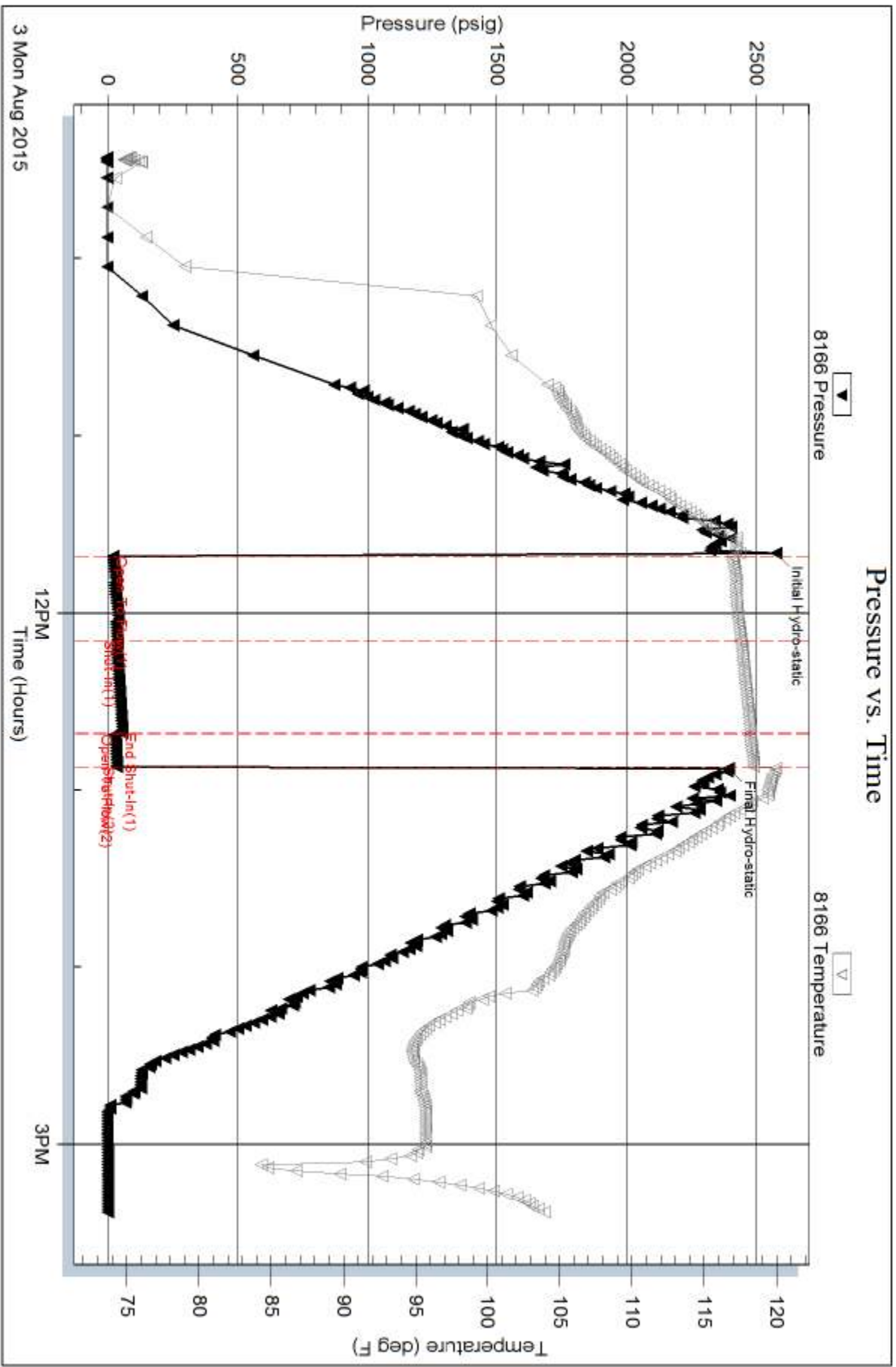
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



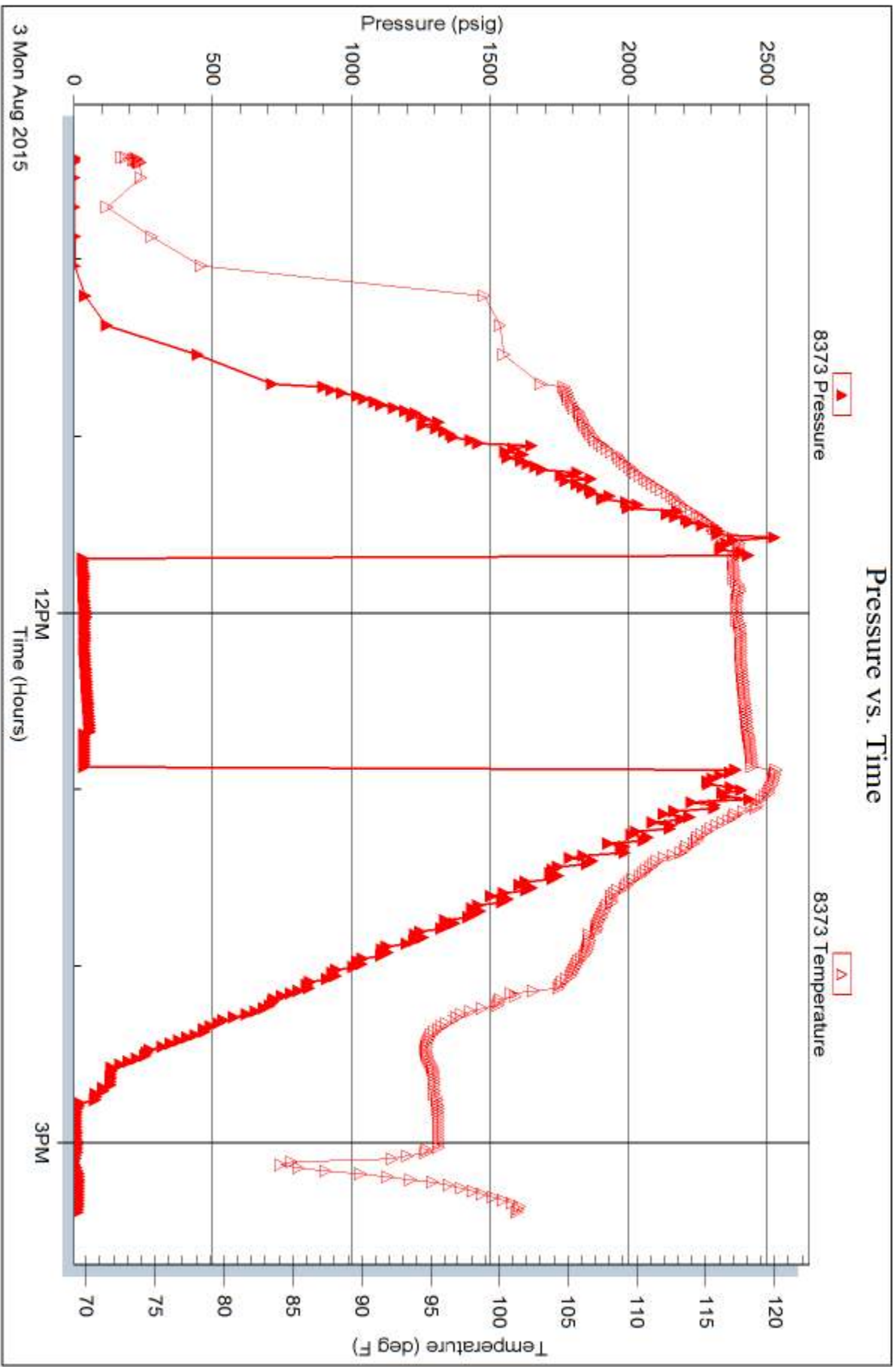
Serial #: 8373

Inside

American Warrior Inc

O Brate-Finney #1-36

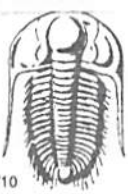
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61737

Printed: 2015.08.04 @ 08:22:05



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61736

Well Name & No. O Bryte - Finney 1-36 Test No. 1 Date 8-1-15
 Company American Warrior Inc Elevation 2798 KB 2788 GL
 Address 3118 Cummings Rd Garden city, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke O
 Location: Sec. 36 Twp. 25S Rge. 34W Co. Finney State KS

Interval Tested 4590 4639 Zone Tested Morrison
 Anchor Length 49 Drill Pipe Run 4301 Mud Wt. 9.35
 Top Packer Depth 4585 Drill Collars Run 270 Vis 44
 Bottom Packer Depth 4590 Wt. Pipe Run — WL 10.4
 Total Depth 4639 Chlorides 4400 ppm System LCM Z

Blow Description IF: surface blow died in 6 min.
#5: No return.
FF: No blow,
FS: pulled

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>				<u>100</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 5 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2282</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>21:20</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:25</u>
(C) First Final Flow <u>27</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:44</u>
(D) Initial Shut-In <u>934</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>1:54</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>4:00</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>120 BT</u> <u>113</u>	Comments <u>—</u>
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
(H) Final Hydrostatic <u>2214</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	Total <u>1838</u>
Final Shut-In <u>pulled</u>	<input type="checkbox"/> Day Standby <u>—</u>	MP/DST Disc't <u>—</u>
	<input type="checkbox"/> Accessibility <u>—</u>	
	Sub Total <u>1838</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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61737

Well Name & No. O Brate-Finney 1-36 Test No. 2 Date 8-3-15
 Company American Warrior Inc Elevation 2798 KB 2788 GL
 Address _____
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 36 Twp. 25S Rge. 31W Co. Finney State KS

Interval Tested 4850 4900 Zone Tested Marrow
 Anchor Length 60 Drill Pipe Run 4582 Mud Wt. 9.3
 Top Packer Depth 4845 Drill Collars Run 270 Vis 52
 Bottom Packer Depth 4850 Wt. Pipe Run _____ WL 9.2
 Total Depth 4910 Chlorides 4800 ppm System LCM 2

Blow Description IF: surface blow died in 8 min.
IS: No return,
FF: No blow
FS: Pulled tool,

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MH</u>			<u>100</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 5 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2514 Test 1150 T-On Location 8:50
 (B) First Initial Flow 21 Jars 250 T-Started 9:25
 (C) First Final Flow 36 Safety Joint 75 T-Open 11:40
 (D) Initial Shut-In 55 Circ Sub NIL T-Pulled 12:50
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 15:25
 (F) Second Final Flow 34 Mileage 120 - 113 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2393 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 30 Accessibility _____ Total 1838
 Final Flow 30 Sub Total 1838 MP/DST Disc't _____
 Final Shut-In Pull

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.