



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS. 67846

ATTN: Mark Downing

Tomasheck #1-10

10-10s-19w Rooks,KS

Start Date: 2015.05.23 @ 05:57:00

End Date: 2015.05.23 @ 11:57:45

Job Ticket #: 53754 DST #: 1

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

Printed: 2015.05.26 @ 09:20:10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS. 67846
ATTN: Mark Downing

10-10s-19w Rooks,KS
Tomasheck #1-10
Job Ticket: 53754 **DST#: 1**
Test Start: 2015.05.23 @ 05:57:00

Tool Information

Drill Pipe:	Length: 3124.00 ft	Diameter: 3.80 inches	Volume: 43.82 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 320.00 ft	Diameter: 2.70 inches	Volume: 2.27 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	52000.00 lb
			<u>Total Volume: 46.09 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3450.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	65.00 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			3431.00	
Shut In Tool	5.00			3436.00	
Hydraulic tool	5.00			3441.00	
Packer	5.00			3446.00	20.00 Bottom Of Top Packer
Packer	4.00			3450.00	
Stubb	1.00			3451.00	
Perforations	2.00			3453.00	
change Over Sub	1.00			3454.00	
Drill Pipe	31.00			3485.00	
Recorder	0.00	6772	Inside	3485.00	
Recorder	0.00	8845	Outside	3485.00	
Change Over Sub	1.00			3486.00	
Perforations	6.00			3492.00	
Bullnose	3.00			3495.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS. 67846
ATTN: Mark Downing

10-10s-19w Rooks,KS
Tomasheck #1-10
Job Ticket: 53754 **DST#: 1**
Test Start: 2015.05.23 @ 05:57:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100% 'with few oil specs'	0.071
0.00	Show of free oil in test tool	0.000

Total Length: 10.00 ft Total Volume: 0.071 bbl

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

Laboratory Name: Laboratory Location:

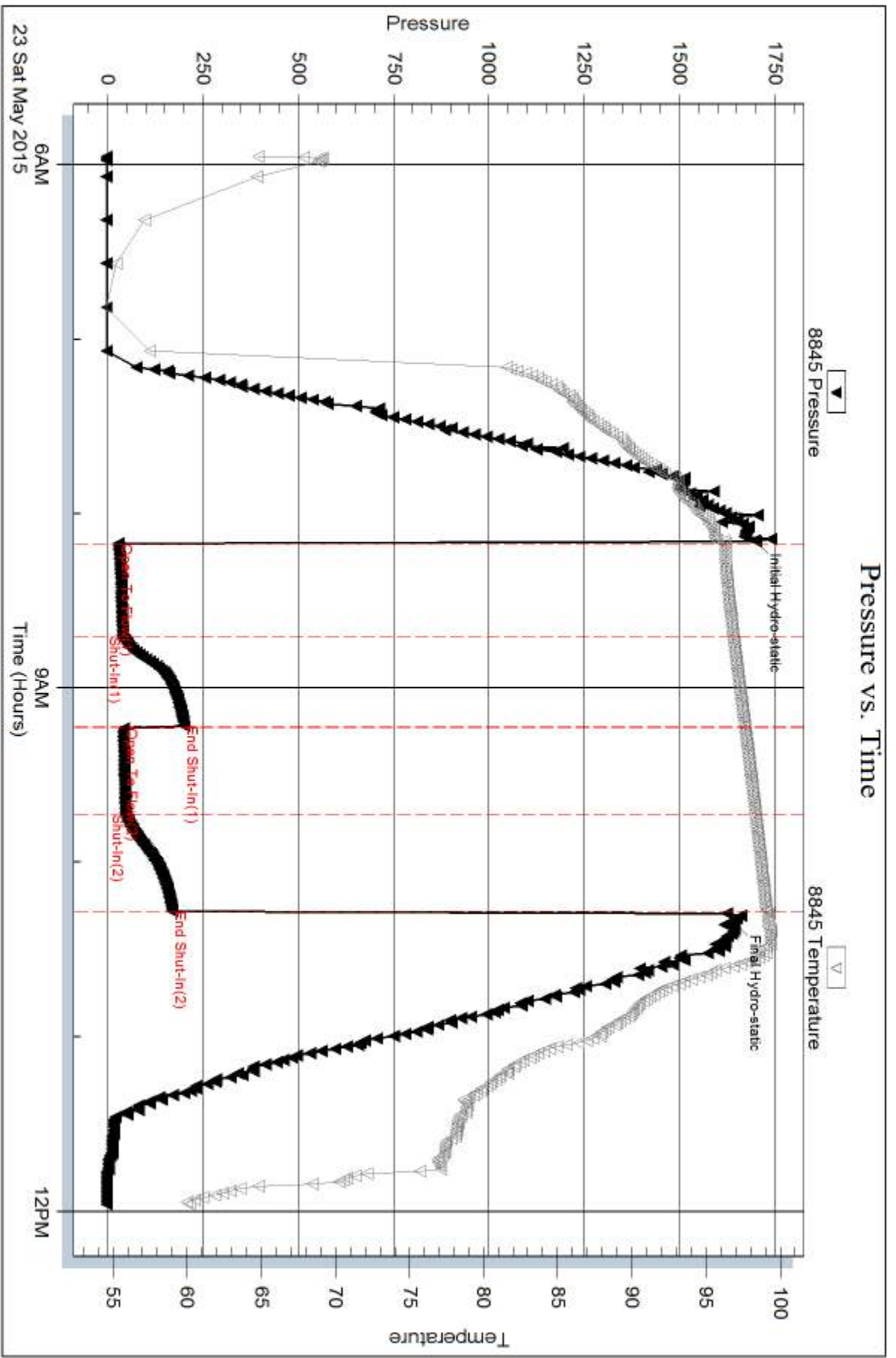
Recovery Comments:

Serial #: 8845

Outside American Warrior Inc

Tomasheck #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 53754

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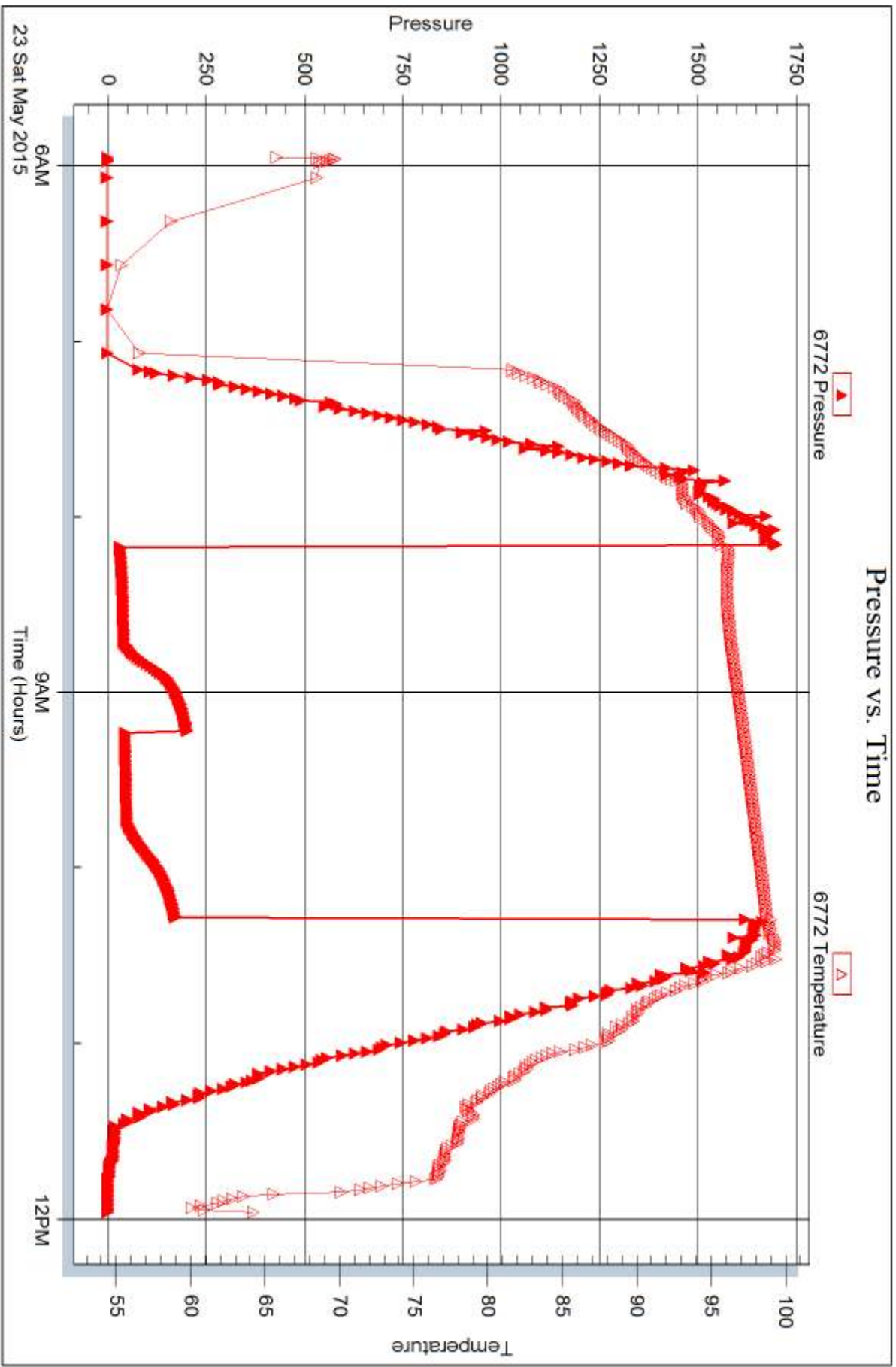
Serial #: 6772

Inside

American Warrior Inc

Tomastack #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 53754

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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS. 67846

ATTN: Mark Downing

Tomasheck #1-10

10-10s-19w Rooks,KS

Start Date: 2015.05.24 @ 08:28:00

End Date: 2015.05.24 @ 15:44:15

Job Ticket #: 53755 DST #: 2

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

Printed: 2015.05.26 @ 09:19:19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS. 67846
ATTN: Mark Downing

10-10s-19w Rooks,KS
Tomasheck #1-10
Job Ticket: 53755 **DST#: 2**
Test Start: 2015.05.24 @ 08:28:00

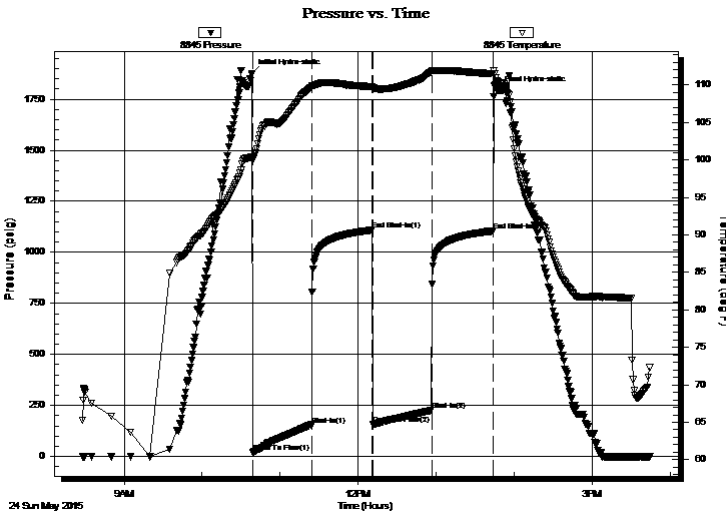
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:39:00
Time Test Ended: 15:44:15
Interval: **3725.00 ft (KB) To 3750.00 ft (KB) (TVD)**
Total Depth: 3750.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Bob Hamel
Unit No: 72
Reference Elevations: 2202.00 ft (KB)
2196.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8845 Outside
Press@RunDepth: 225.71 psig @ 3728.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.05.24 End Date: 2015.05.24 Last Calib.: 2015.05.24
Start Time: 08:28:05 End Time: 15:44:14 Time On Btm: 2015.05.24 @ 10:38:00
Time Off Btm: 2015.05.24 @ 13:48:00

TEST COMMENT: I.F. - 45 - BOB in 26 min
I.S.I. - 45 - No blow back
F.F. - 45 - BOB in 30 min
F.S.I. - 45 - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.55	100.38	Initial Hydro-static
1	18.73	100.13	Open To Flow (1)
46	155.20	109.65	Shut-In(1)
93	1108.85	109.74	End Shut-In(1)
94	157.13	109.53	Open To Flow (2)
139	225.71	111.72	Shut-In(2)
186	1104.66	111.48	End Shut-In(2)
190	1794.32	110.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
504.00	S,O,C,M,W, 2%O 20%M 78%W	4.85
108.00	O,C,M,W, 10%O 40%M 50%W	1.51
5.00	CLEAN OIL "HEAVY"	0.07

* Recovery from multiple tests

Gas Rates

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



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TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS. 67846
ATTN: Mark Downing

10-10s-19w Rooks,KS
Tomasheck #1-10
Job Ticket: 53755 **DST#: 2**
Test Start: 2015.05.24 @ 08:28:00

Tool Information

Drill Pipe:	Length: 3401.00 ft	Diameter: 3.80 inches	Volume: 47.71 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 320.00 ft	Diameter: 2.70 inches	Volume: 2.27 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	57000.00 lb
			<u>Total Volume: 49.98 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3725.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3706.00	
Shut In Tool	5.00			3711.00	
Hydraulic tool	5.00			3716.00	
Packer	5.00			3721.00	20.00 Bottom Of Top Packer
Packer	4.00			3725.00	
Stubb	1.00			3726.00	
Perforations	2.00			3728.00	
Recorder	0.00	6772	Inside	3728.00	
Recorder	0.00	8845	Outside	3728.00	
Perforations	19.00			3747.00	
Bullnose	3.00			3750.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



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PO Box 399
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ATTN: Mark Downing

10-10s-19w Rooks,KS
Tomasheck #1-10
Job Ticket: 53755 **DST#: 2**
Test Start: 2015.05.24 @ 08:28:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	40000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

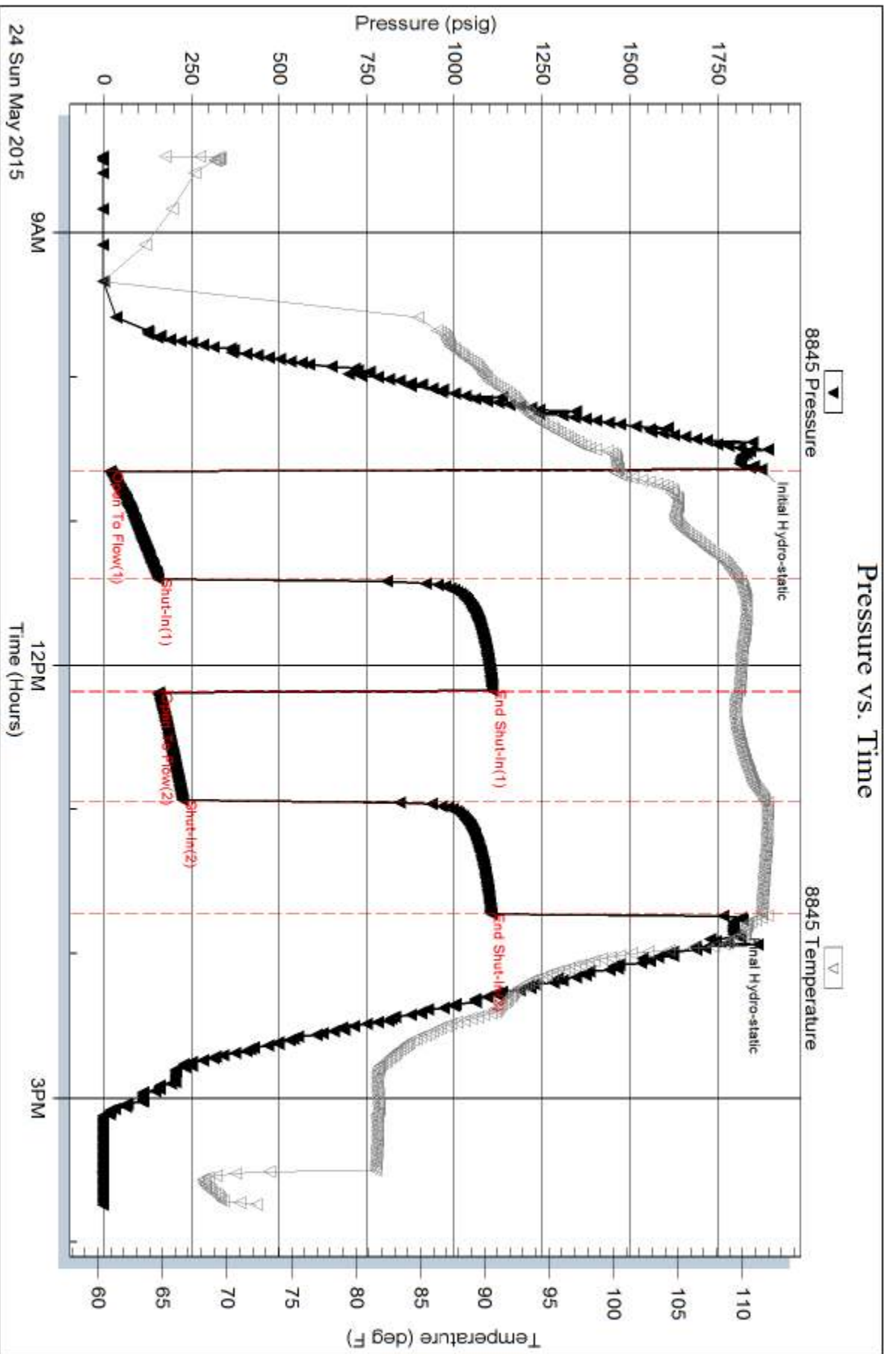
Length ft	Description	Volume bbl
504.00	S,O,C,M,W, 2%O 20%M 78%W	4.847
108.00	O,C,M,W, 10%O 40%M 50%W	1.515
5.00	CLEAN OIL "HEAVY"	0.070

Total Length: 617.00 ft Total Volume: 6.432 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: R.W. = 0.21 @ 65.5 DEG
OIL GRAVITY "HEAVY"



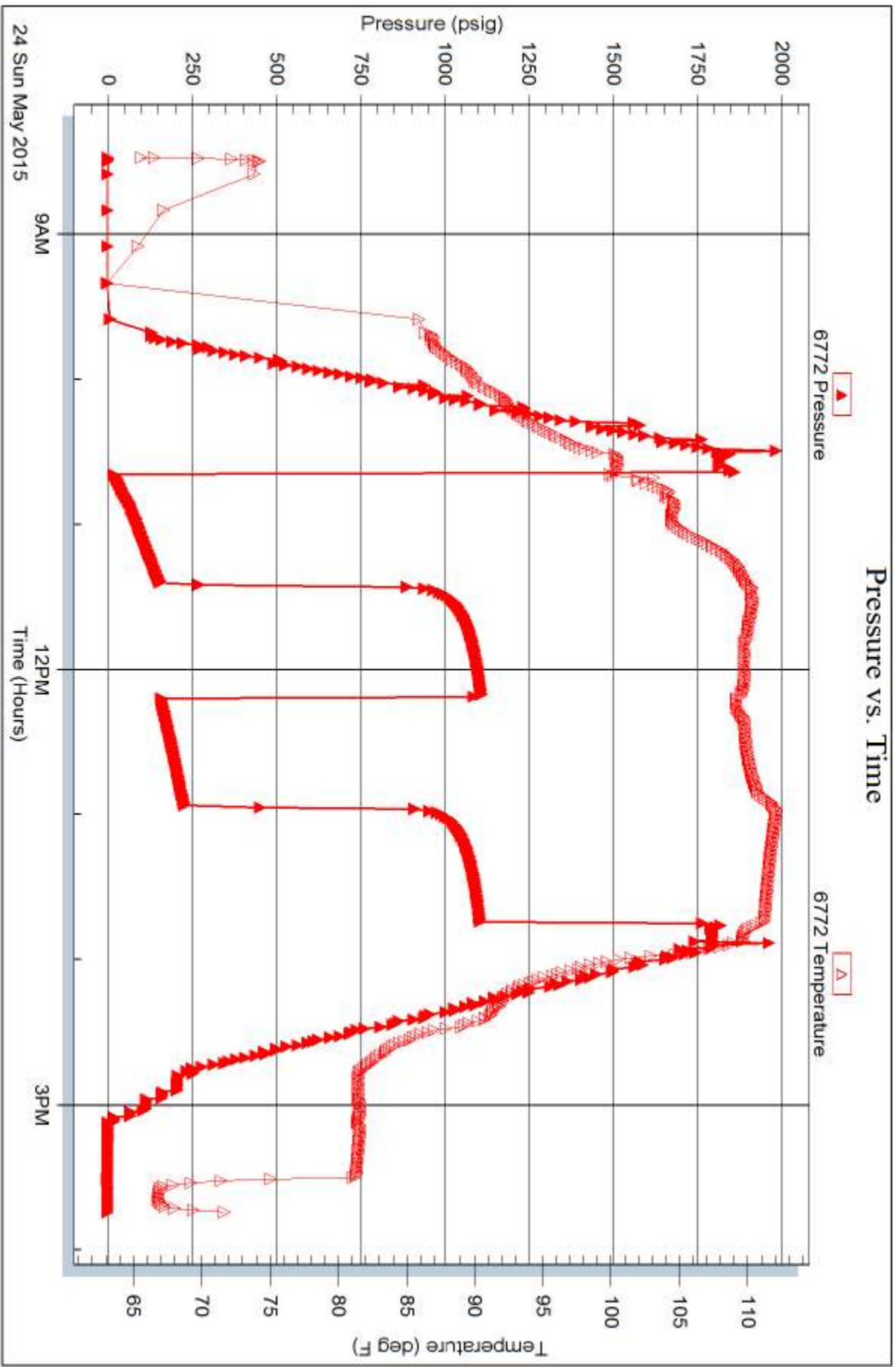
Serial #: 6772

Inside

American Warrior Inc

Tomastack #1-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 53755

Printed: 2015.05.26 @ 09:19:20



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53754

Well Name & No. Tomasheck # 1-10 Test No. 1 Date 5-23-15
 Company American Warrior Elevation 2202 KB 2196 GL
 Address P.O. Box 399 Garden City KS. 67846
 Co. Rep / Geo. Mack Downing Rig DISCO # 2
 Location: Sec. 10 Twp. 10-S. Rge. 19-W. Co. Rooks. State KS

Interval Tested 3450-3495 Zone Tested han, C+D
 Anchor Length 45' Drill Pipe Run 3124 Mud Wt. 8.8
 Top Packer Depth 3445 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3450 Wt. Pipe Run 310 WL 8
 Total Depth 3495 Chlorides 2,500 ppm System LCM 2

Blow Description I.F.-30-1/4" INT. Blow Built to 1 3/4" in 30 min.
I.S.I.-30-NO B.B.
F.F.-30 W.S.B. Built to 1/2" in 30 min.
F.S.I.-30-NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>Mud with few oil specs</u>				<u>100</u> %mud
Rec	Feet of				
Rec	Feet of <u>(Show of free oil in tool)</u>				
Rec	Feet of				

Rec Total 10 BHT 99.2 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 1,697 Test 1050 T-On Location 05:18:00
 (B) First Initial Flow 28 Jars — T-Started 05:57:00
 (C) First Final Flow 40 Safety Joint — T-Open 08:14:00
 (D) Initial Shut-In 201 Circ Sub — T-Pulled 10:14:00
 (E) Second Initial Flow 43 Hourly Standby — T-Out 11:57:45
 (F) Second Final Flow 47 Mileage 62 R.T. 62 Comments (Thank-you)
 (G) Final Shut-In 170 Sampler —
 (H) Final Hydrostatic 1,643 Straddle —
 Ruined Shale Packer —
 Ruined Packer —
 Extra Copies —
 Initial Open 30 Extra Packer —
 Initial Shut-In 30 Extra Recorder — Sub Total 0
 Final Flow 30 Day Standby — Total 1112
 Final Shut-In 30 Accessibility — MP/DST Disc't —
 Sub Total 1112

Approved By _____ Our Representative Paul Thomas

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. 53755

4/10

Well Name & No. Tomasheck #1-10 Test No. 2 Date 5-24-15
 Company American warrior Elevation 2202 KB 2196 GL
 Address P.O. Box 399 Garden City KS-67846
 Co. Rep / Geo. Mark Downing Rig Disco #2
 Location: Sec. 10 Twp. 10-5 Rge. 19 - W. Co. RAWKS. State KS.

Interval Tested 3725-3750 Zone Tested Arb.
 Anchor Length 25 Drill Pipe Run 3401 Mud Wt. 9.4
 Top Packer Depth 3720 Drill Collars Run — Vis 47
 Bottom Packer Depth 3725 Wt. Pipe Run 320 WL 8
 Total Depth 3750 Chlorides 4,500 ppm System LCM 2 1/2
 Blow Description I.F. - 45" 1/4" INT. Blow Built to B.O.B. in 26 min.
I.S.I. - 45" NO B.B.
F.F. - 45" 1/4" INT. Blow Built to B.O.B. in 30 min.
F.S.I. - 45" NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>C/O</u>	%gas	<u>100</u> %oil	%water	%mud
Rec <u>108</u>	Feet of <u>O, C, M, W</u>	%gas <u>10</u>	%oil <u>50</u>	%water <u>40</u>	%mud
Rec <u>504</u>	Feet of <u>S, O, C, M, W</u>	%gas <u>2</u>	%oil <u>78</u>	%water <u>20</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 617 BHT 110 Gravity Heavy API RW 0.21 @ 65.5° F Chlorides 40,000 ppm
 (A) Initial Hydrostatic 1,874 Test 1050 T-On Location 08:14:00
 (B) First Initial Flow 19 Jars T-Started 08:28:00
 (C) First Final Flow 155 Safety Joint T-Open 10:43:00
 (D) Initial Shut-In 1,109 Circ Sub T-Pulled 13:43:00
 (E) Second Initial Flow 157 Hourly Standby T-Out 15:44:15
 (F) Second Final Flow 226 Mileage 62 R.T. 62 Comments
 (G) Final Shut-In 1,105 Sampler (thank-you)
 (H) Final Hydrostatic 1,794 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 45 Extra Recorder
 Initial Shut-In 45 Day Standby Sub Total 0
 Final Flow 45 Accessibility Total 1112
 Final Shut-In 45 Sub Total 1112 MP/DST Disc't

Approved By _____ Our Representative Paul Downing
 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.