



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Luke Thompson

Six M #4 23

23-22s-34w Finney,KS

Start Date: 2015.02.03 @ 16:24:15

End Date: 2015.02.04 @ 00:51:45

Job Ticket #: 58571 DST #: 1

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

Printed: 2015.02.09 @ 14:16:54



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58571

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.02.03 @ 16:24:15

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:10:00

Time Test Ended: 00:51:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4202.00 ft (KB) To 4246.00 ft (KB) (TVD)

Total Depth: 4246.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8846 Inside

Press@RunDepth: 613.79 psig @ 4208.00 ft (KB)

Start Date: 2015.02.03

End Date:

2015.02.04

Start Time: 16:24:15

End Time:

00:51:45

Capacity: 8000.00 psig

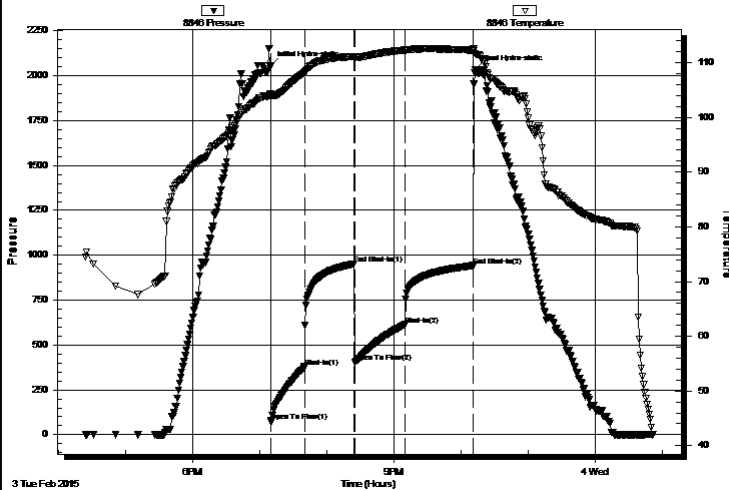
Last Calib.: 2015.02.04

Time On Btm: 2015.02.03 @ 19:09:45

Time Off Btm: 2015.02.03 @ 22:12:30

TEST COMMENT: IF:BOB in 4 min.
IS:No return blow
FF:BOB in 6 min.
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2054.72	104.35	Initial Hydro-static
1	74.33	103.69	Open To Flow (1)
31	378.02	108.22	Shut-In(1)
75	952.08	111.12	End Shut-In(1)
76	402.26	111.02	Open To Flow (2)
120	613.79	112.30	Shut-In(2)
182	942.46	112.28	End Shut-In(2)
183	2033.17	111.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
472.00	mcs w 50% m 50% sw	4.36
992.00	mcs w 20% m 80% sw	13.92

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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PO Box 399
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Job Ticket: 58571

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ATTN: Luke Thompson

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Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4202.00 ft (KB) To 4246.00 ft (KB) (TVD)

Total Depth: 4246.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4208.00 ft (KB)

Start Date: 2015.02.03

End Date:

2015.02.04

Start Time: 16:24:15

End Time:

00:51:45

Capacity: 8000.00 psig

Last Calib.:

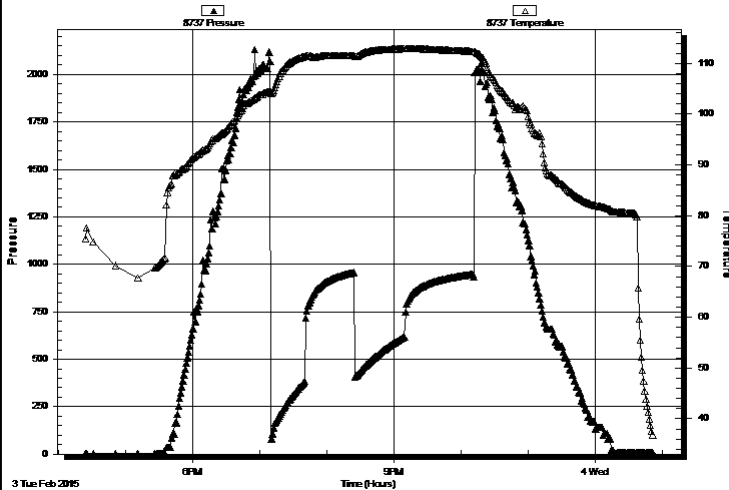
2015.02.04

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:BOB in 4 min.
IS:No return blow
FF:BOB in 6 min.
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
472.00	mcs w 50% m 50% sw	4.36
992.00	mcs w 20% m 80% sw	13.92

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58571

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.02.03 @ 16:24:15

Tool Information

Drill Pipe:	Length: 3932.00 ft	Diameter: 3.80 inches	Volume: 55.16 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:	90000.00 lb
		Total Volume:	56.38 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4202.00 ft			Final	73000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	72.00 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		4175.00	
Shut In Tool	5.00		4180.00	
Hydraulic tool	5.00		4185.00	
Jars	5.00		4190.00	
Safety Joint	3.00		4193.00	
Packer	5.00		4198.00	28.00 Bottom Of Top Packer
Packer	4.00		4202.00	
Stubb	1.00		4203.00	
Perforations	5.00		4208.00	
Recorder	0.00	8846 Inside	4208.00	
Recorder	0.00	8737 Outside	4208.00	
Change Over Sub	1.00		4209.00	
Drill Pipe	31.00		4240.00	
Change Over Sub	1.00		4241.00	
Perforations	0.00		4241.00	
Bullnose	5.00		4246.00	44.00 Bottom Packers & Anchor
Total Tool Length:	72.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58571

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.02.03 @ 16:24:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.75 in³

Resistivity: 0.00 ohm.m

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

16000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
472.00	mcsw 50%m 50%sw	4.362
992.00	mcsw 20%m 80%sw	13.915

Total Length: 1464.00 ft Total Volume: 18.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .75 @ 40.1= 16,000 ppm

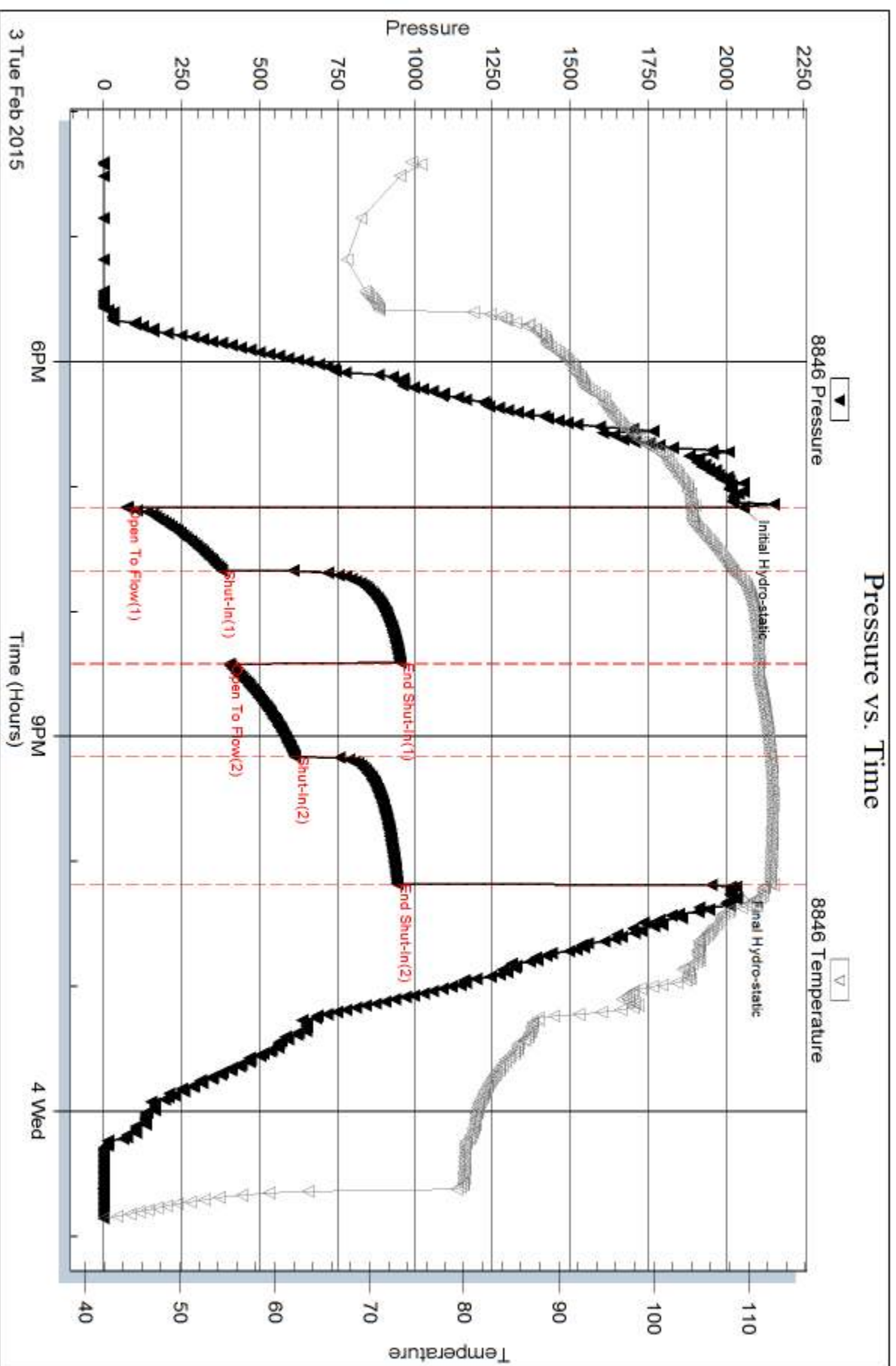
Serial #: 8846

Inside

American Warrior Inc.

Six M#4 23

DST Test Number: 1

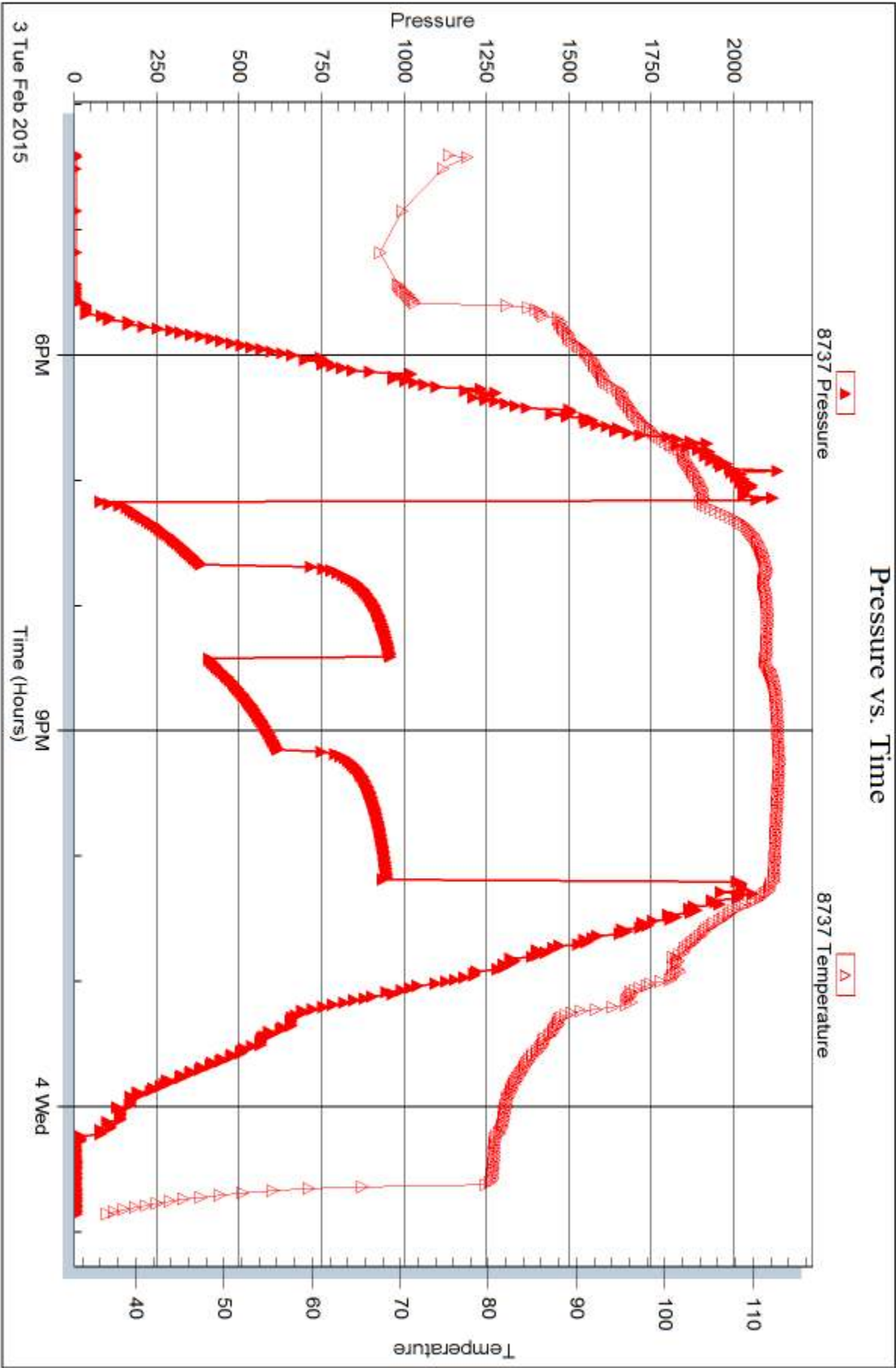


Serial #: 8737

Outside American Warrior Inc.

Six M #4 23

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Luke Thompson

Six M #4 23

23-22s-34w Finney,KS

Start Date: 2015.02.04 @ 20:56:15

End Date: 2015.02.05 @ 03:18:30

Job Ticket #: 58572 DST #: 2

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

Printed: 2015.02.09 @ 14:16:25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58572

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.02.04 @ 20:56:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:20:45

Time Test Ended: 03:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4375.00 ft (KB) To 4409.00 ft (KB) (TVD)

Total Depth: 4409.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8846 Inside

Press@RunDepth: 199.61 psig @ 4404.00 ft (KB)

Start Date: 2015.02.04

End Date:

2015.02.05

Start Time: 20:56:15

End Time:

03:18:30

Capacity: 8000.00 psig

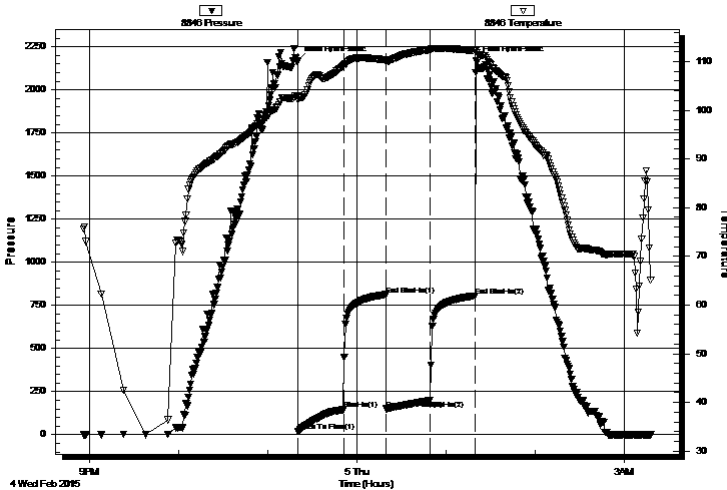
Last Calib.: 2015.02.05

Time On Btm: 2015.02.04 @ 23:20:30

Time Off Btm: 2015.02.05 @ 01:20:30

TEST COMMENT: IF: Built to 9" blow
IS: No return blow
FF: Built to 5" blow
FS: No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.21	103.04	Initial Hydro-static
1	21.08	102.13	Open To Flow (1)
31	145.94	109.13	Shut-In(1)
59	812.69	110.31	End Shut-In(1)
60	150.15	110.04	Open To Flow (2)
90	199.61	112.45	Shut-In(2)
119	805.13	112.23	End Shut-In(2)
120	2170.42	112.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 10% m 90% w	1.22
124.00	w cm 30% w 70% m	1.74
62.00	gcow m 1% g 1% o 48% w 50% m	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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* Recovery from multiple tests



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DRILL STEM TEST REPORT

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58572

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.02.04 @ 20:56:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:20:45

Time Test Ended: 03:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

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Total Depth: 4409.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4404.00 ft (KB)

Start Date: 2015.02.04

End Date:

2015.02.05

Start Time: 20:56:15

End Time:

03:18:30

Capacity: 8000.00 psig

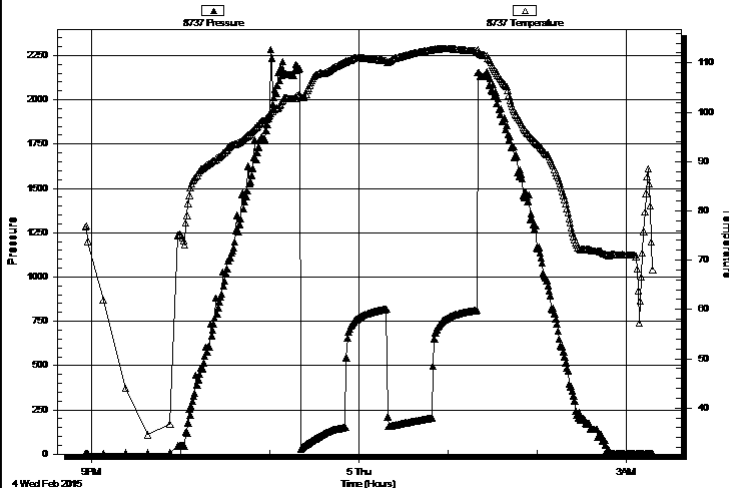
Last Calib.: 2015.02.05

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 9" blow
IS: No return blow
FF: Built to 5" blow
FS: No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 10% m 90% w	1.22
124.00	w cm 30% w 70% m	1.74
62.00	gcow m 1% g 1% o 48% w 50% m	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58572

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.02.04 @ 20:56:15

Tool Information

Drill Pipe:	Length: 4119.00 ft	Diameter: 3.80 inches	Volume: 57.78 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:	90000.00 lb
		Total Volume:	59.00 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4375.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	62.00 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			4348.00	
Shut In Tool	5.00			4353.00	
Hydraulic tool	5.00			4358.00	
Jars	5.00			4363.00	
Safety Joint	3.00			4366.00	
Packer	5.00			4371.00	28.00 Bottom Of Top Packer
Packer	4.00			4375.00	
Stubb	1.00			4376.00	
Perforations	28.00			4404.00	
Recorder	0.00	8846	Inside	4404.00	
Recorder	0.00	8737	Outside	4404.00	
Bullnose	5.00			4409.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58572

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.02.04 @ 20:56:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.58 in³

Resistivity: 0.00 ohm.m

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

17000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	mcw 10%m 90%w	1.220
124.00	w cm 30%w 70%m	1.739
62.00	gcow m 1%g 1%o 48%w 50%m	0.870

Total Length: 434.00 ft

Total Volume: 3.829 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .69 @39.7*= 17,000 ppm

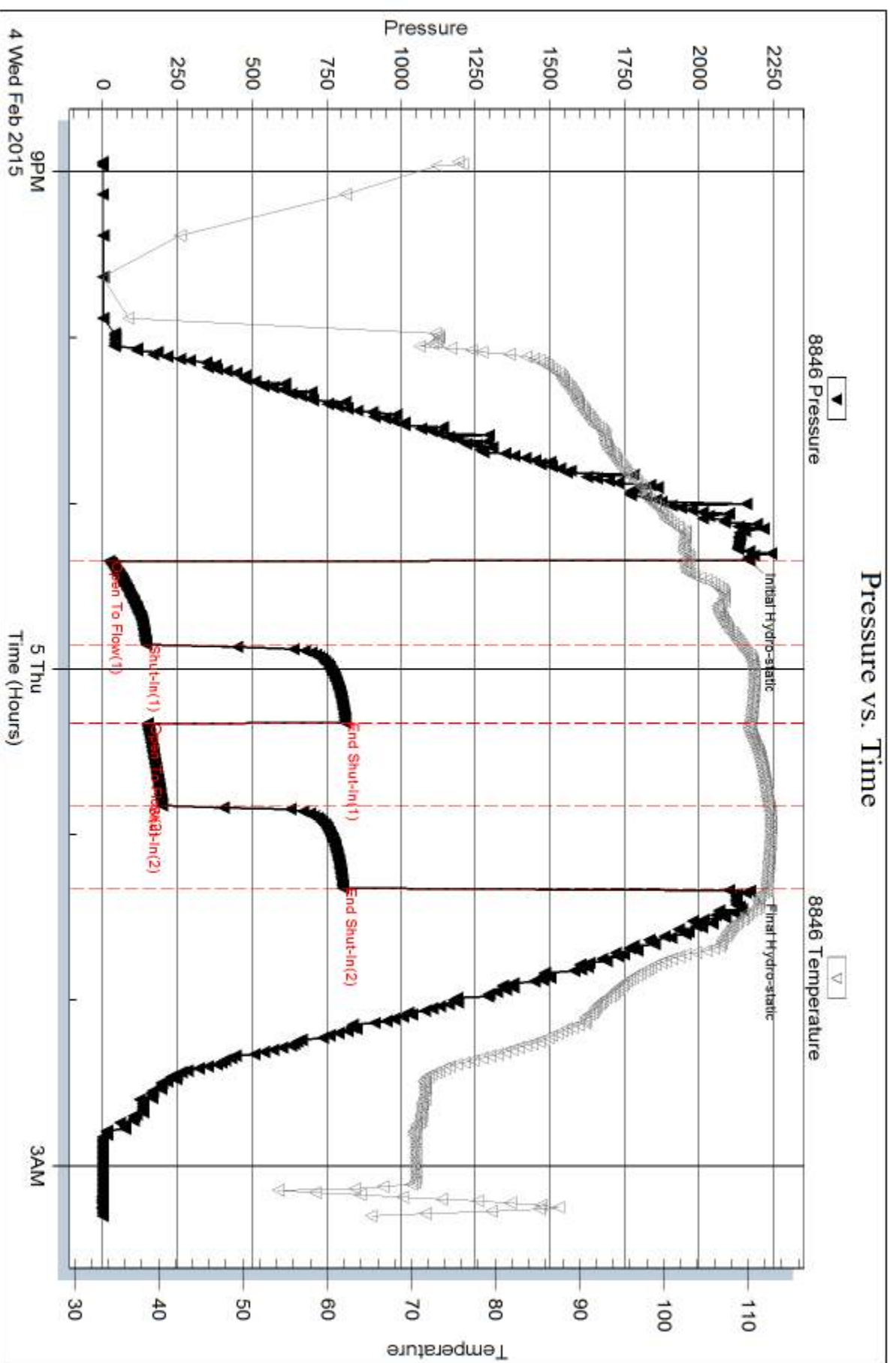
Serial #: 8846

Inside

American Warrior Inc.

Six M #4 23

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58572

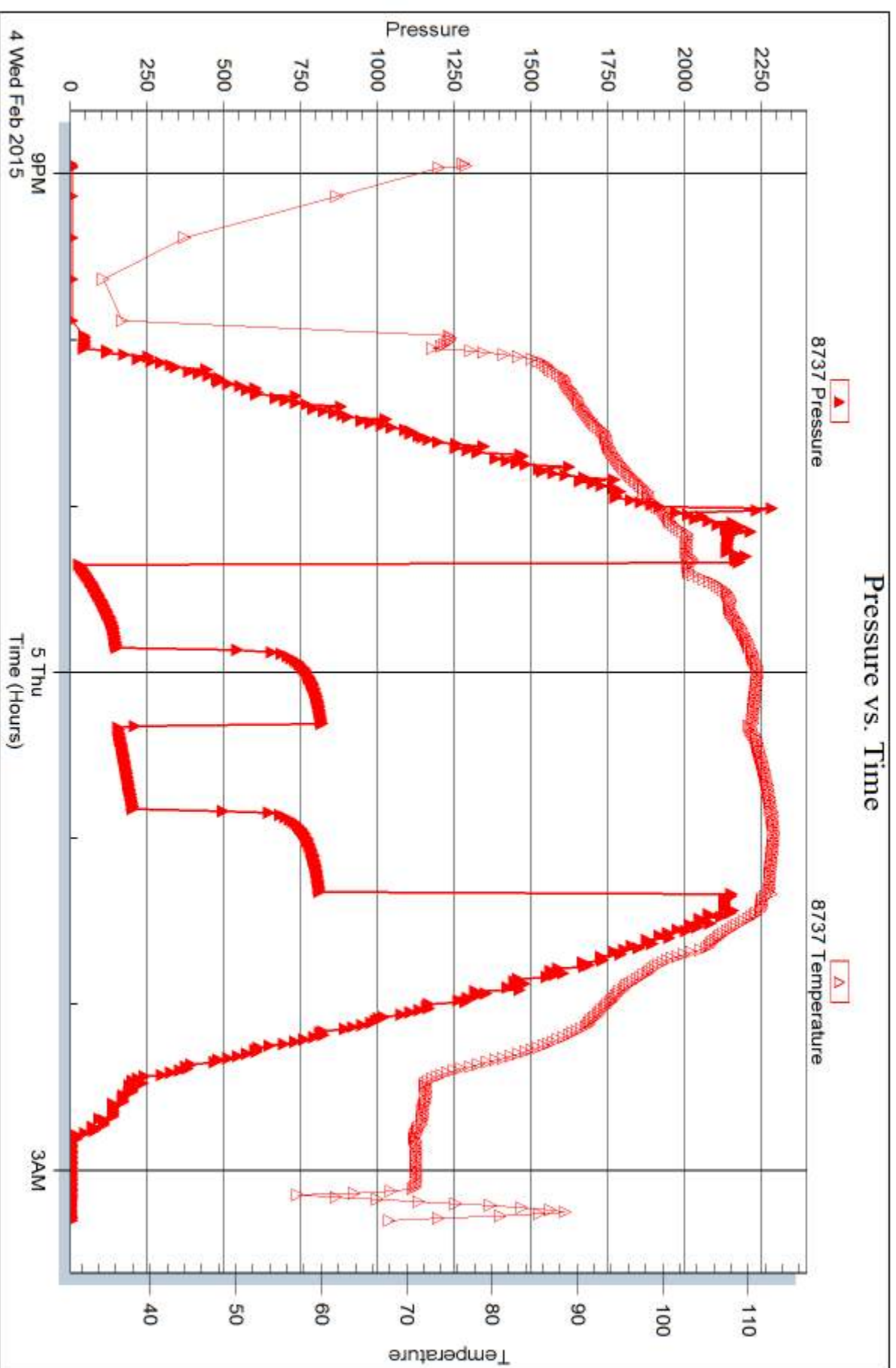
Printed: 2015.02.09 @ 14:16:28

Serial #: 8737

Outside American Warrior Inc.

Six M#4 23

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Luke Thompson

Six M #4 23

23-22s-34w Finney,KS

Start Date: 2015.02.06 @ 23:04:15

End Date: 2015.02.07 @ 05:18:30

Job Ticket #: 58573 DST #: 3

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

Printed: 2015.02.09 @ 13:58:27



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58573

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.02.06 @ 23:04:15

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:08:45

Time Test Ended: 05:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4698.00 ft (KB) To 4780.00 ft (KB) (TVD)

Total Depth: 4780.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8846 Inside

Press@RunDepth: 78.11 psig @ 4700.00 ft (KB)

Start Date: 2015.02.06

End Date:

2015.02.07

Start Time: 23:04:15

End Time:

05:18:30

Capacity: 8000.00 psig

Last Calib.: 2015.02.07

Time On Btm: 2015.02.07 @ 01:08:30

Time Off Btm: 2015.02.07 @ 03:10:00

TEST COMMENT: IF: Built to 2 1/2" blow

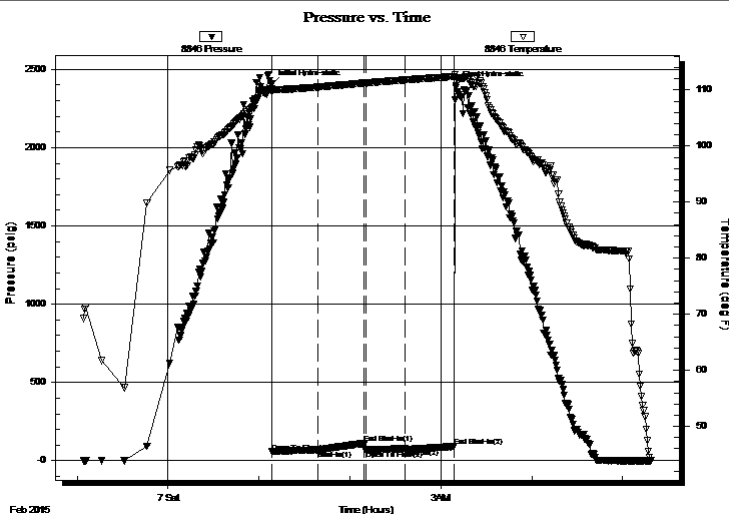
IS: No return blow

FF: No blow

FS: No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2405.68	110.29	Initial Hydro-static
1	56.29	109.68	Open To Flow (1)
31	68.02	110.53	Shut-In(1)
61	110.58	111.25	End Shut-In(1)
62	67.29	111.25	Open To Flow (2)
88	78.11	111.81	Shut-In(2)
121	91.44	112.42	End Shut-In(2)
122	2396.49	112.27	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
10.00	ocm 10%o 90%m	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.

23-22s-34w Finney,KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58573

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.02.06 @ 23:04:15

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:08:45

Time Test Ended: 05:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4698.00 ft (KB) To 4780.00 ft (KB) (TVD)

Total Depth: 4780.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2941.00 ft (KB)

2930.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4700.00 ft (KB)

Start Date: 2015.02.06

End Date:

2015.02.07

Start Time: 23:04:15

End Time:

05:18:30

Capacity: 8000.00 psig

Last Calib.: 2015.02.07

Time On Btm:

Time Off Btm:

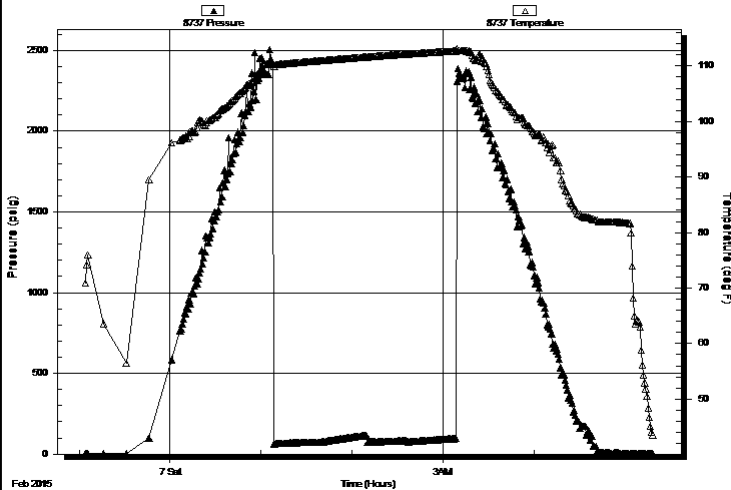
TEST COMMENT: IF:Built to 2 1/2" blow

IS:No return blow

FF:No blow

FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
10.00	ocm 10%o 90%m	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58573

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.02.06 @ 23:04:15

Tool Information

Drill Pipe:	Length:	4432.00 ft	Diameter:	3.80 inches	Volume:	62.17 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:	90000.00 lb
					Total Volume:	63.39 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	74000.00 lb
Depth to Top Packer:		4698.00 ft					Final	74000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		82.00 ft						
Tool Length:		110.00 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		4671.00	
Shut In Tool	5.00		4676.00	
Hydraulic tool	5.00		4681.00	
Jars	5.00		4686.00	
Safety Joint	3.00		4689.00	
Packer	5.00		4694.00	28.00 Bottom Of Top Packer
Packer	4.00		4698.00	
Stubb	1.00		4699.00	
Perforations	1.00		4700.00	
Recorder	0.00	8846 Inside	4700.00	
Recorder	0.00	8737 Outside	4700.00	
Change Over Sub	1.00		4701.00	
Drill Pipe	63.00		4764.00	
Change Over Sub	1.00		4765.00	
Perforations	10.00		4775.00	
Bullnose	5.00		4780.00	82.00 Bottom Packers & Anchor
Total Tool Length:	110.00			



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

23-22s-34w Finney, KS

PO Box 399
Garden City KS 67846

Six M #4 23

Job Ticket: 58573

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.02.06 @ 23:04:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

0 deg API

0 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	ocm 10%o 90%m	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8846

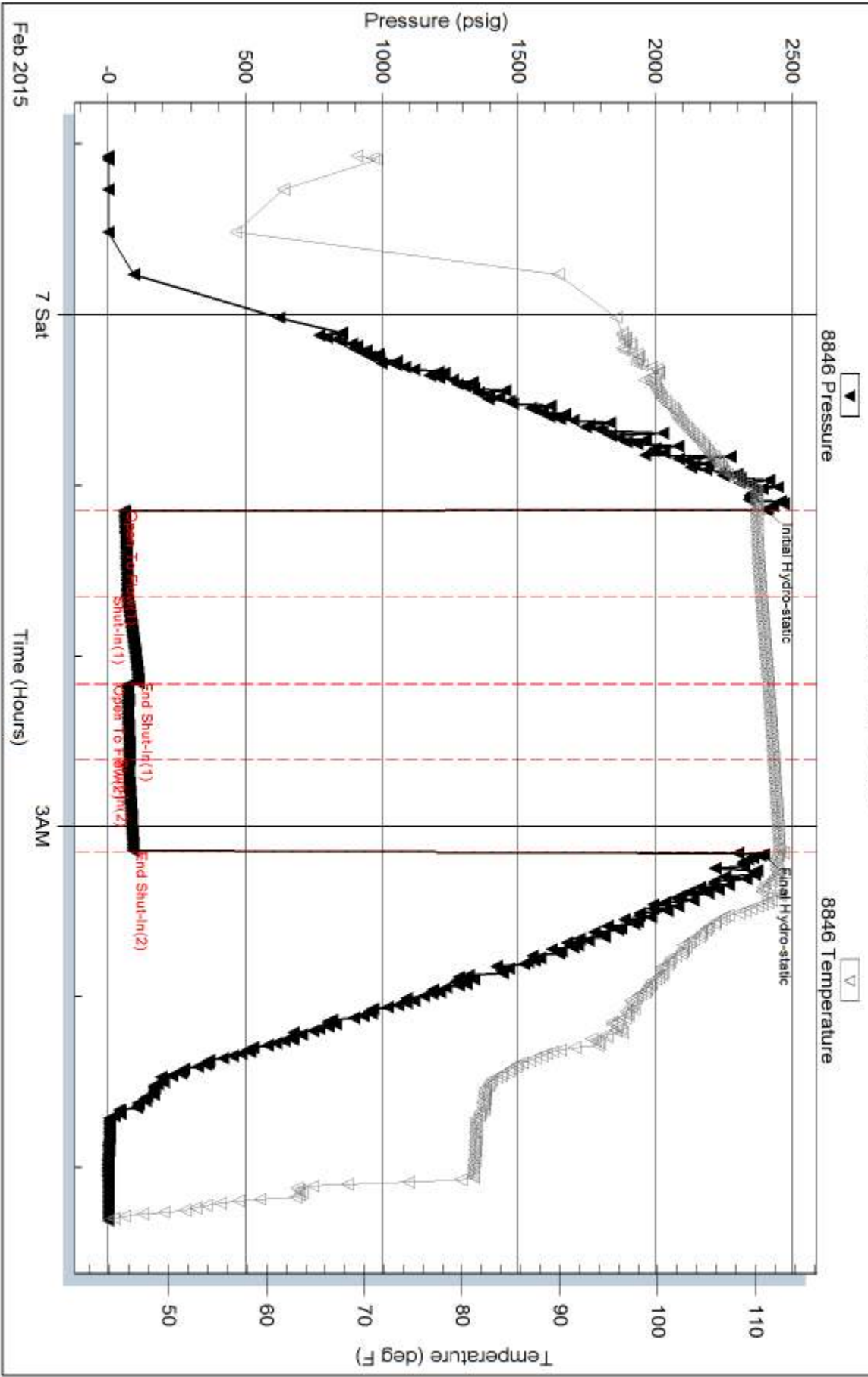
Inside

American Warrior Inc.

Six M #4 23

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 58573

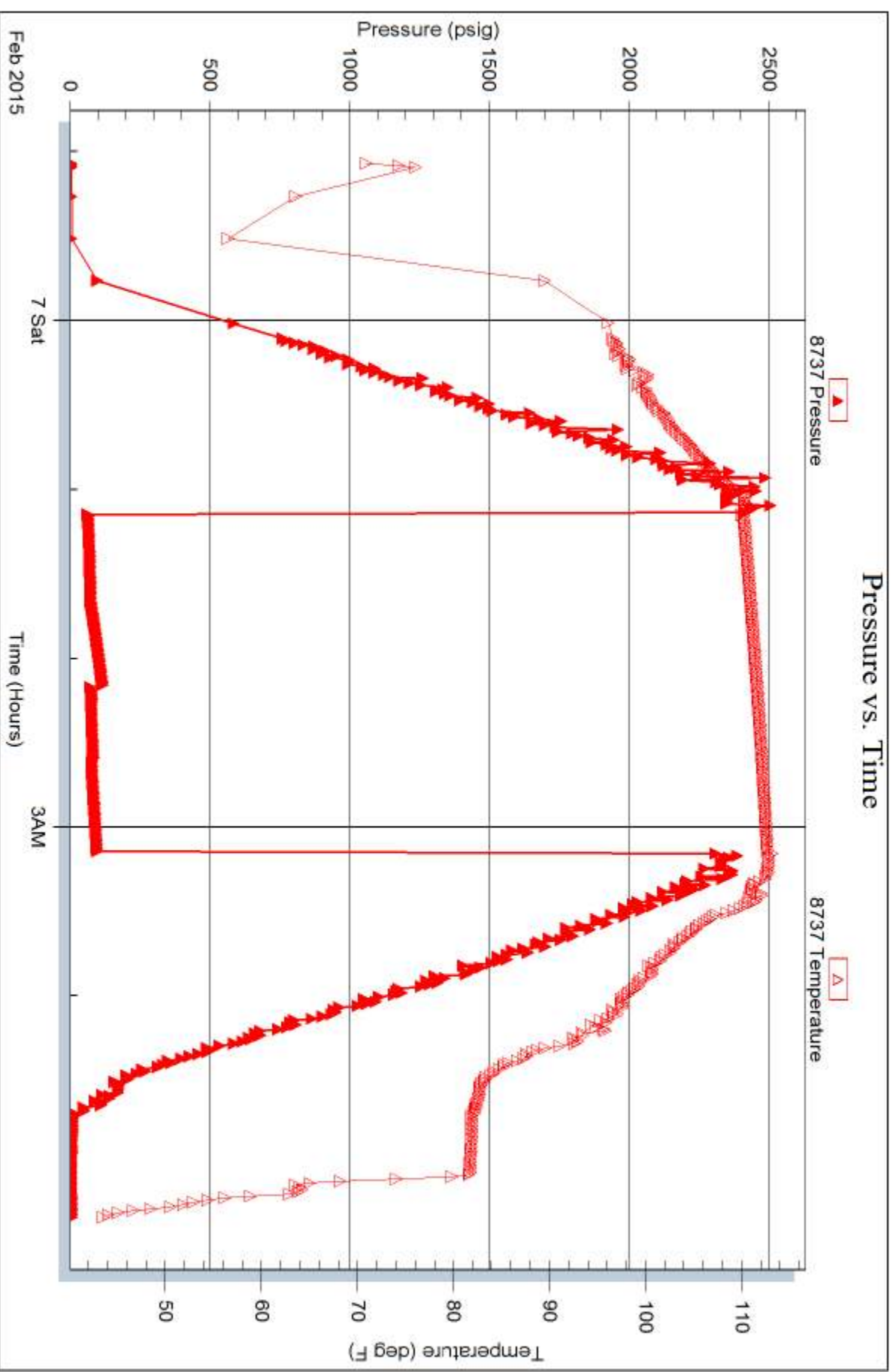
Printed: 2015.02.09 @ 13:58:29

Serial #: 8737

Outside American Warrior Inc.

Six M#4 23

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58571

Well Name & No. Six M #4-23 Test No. 1 Date 2-3-15
 Company American Warrior Inc. Elevation 2941 KB 2930 GL
 Address 3118 Cummings Rd P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 23 Twp. 22S Rge. 34W Co. TENNIS State KS

Interval Tested 4202-4246 Zone Tested Lansing
 Anchor Length 44 Drill Pipe Run 3932 Mud Wt. 9.1
 Top Packer Depth 4197 Drill Collars Run 248 Vis 48
 Bottom Packer Depth 4202 Wt. Pipe Run Ø WL 8.8
 Total Depth 4246 Chlorides 3700 ppm System LCM 3

Blow Description IF: BOB in 4 Min
IS: No Return Blow
FF: BOB in 6 Min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>472</u>	<u>MC SW</u>			<u>50</u>	<u>50</u>
<u>992</u>	<u>MC SW</u>			<u>80</u>	<u>20</u>

Rec Total 1464 ~~1464~~ BHT 112 Gravity — API RW .75 @ 40° F Chlorides 16000 ppm
 (A) Initial Hydrostatic 2054 ☒ Test \$1150.00 T-On Location 14:30
 (B) First Initial Flow 74 ☒ Jars \$250.00 T-Started 16:24
 (C) First Final Flow 378 ☒ Safety Joint \$75.00 T-Open 19:09
 (D) Initial Shut-In 952 ☒ Circ Sub NC T-Pulled 22:09
 (E) Second Initial Flow 402 ☐ Hourly Standby — T-Out 00:51
 (F) Second Final Flow 613 ☒ Mileage 68 RT \$68.00 Comments —
 (G) Final Shut-In 942 ☐ Sampler —
 (H) Final Hydrostatic 2033 ☐ Straddle — ☐ Ruined Shale Packer —
☐ Shale Packer — ☐ Ruined Packer —
☐ Extra Packer — ☐ Extra Copies 0
☐ Extra Recorder — Sub Total 1543
☐ Day Standby — Total 1543
☐ Accessibility — MP/DST Disc't —

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total \$1543.00

Approved By — Our Representative Mike Roberts
 Trilobite Testing Inc. shall not be liable for damaged or 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. **58572**

Well Name & No. Six M #4-23 Test No. 2 Date 2-4-15
 Company American Warrior Inc Elevation 2941 KB 2930 GL
 Address 3118 Cummings Rd P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luice Thompson Rig Duke 5
 Location: Sec. 23 Twp. 22S Rge. 34W Co. Tenniss State KS

Interval Tested 4375-4409 Zone Tested Marmaton
 Anchor Length 34 Drill Pipe Run 4119 Mud Wt. 9.3
 Top Packer Depth 4320 Drill Collars Run 248 Vis 75 48
 Bottom Packer Depth 4375 Wt. Pipe Run 0 WL 7.6
 Total Depth 4409 Chlorides 5200 ppm System LCM 3
 Blow Description IF: Built to 9" Blow
IS: NO Return Blow
FF: Built to 5" Blow
FS: NO Return Blow

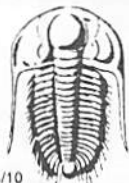
Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>gcwm</u>	<u>1</u>	<u>1</u>	<u>48</u>	<u>50</u>
<u>124</u>	<u>lwm</u>	<u>%gas</u>	<u>%oil</u>	<u>30</u>	<u>70</u>
<u>248</u>	<u>mcw</u>	<u>%gas</u>	<u>%oil</u>	<u>90</u>	<u>10</u>
		<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
		<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 434 BHT 113 Gravity — API RW 69 @ 39.7° F Chlorides 17,000 ppm
 (A) Initial Hydrostatic 2169 ☒ Test \$1150.00 T-On Location 19:30
 (B) First Initial Flow 21 ☒ Jars \$250.00 T-Started 20:56
 (C) First Final Flow 145 ☒ Safety Joint \$75.00 T-Open 23:20
 (D) Initial Shut-In 812 ☒ Circ Sub NC T-Pulled 01:20
 (E) Second Initial Flow 150 ☐ Hourly Standby — T-Out 03:18
 (F) Second Final Flow 199 ☒ Mileage 68 RT 68.00 Comments —
 (G) Final Shut-In 805 ☐ Sampler —
 (H) Final Hydrostatic 2170 ☐ Straddle —
☐ Shale Packer —
☐ Extra Packer —
☐ Extra Recorder —
☐ Day Standby —
☐ Accessibility 1543
 Sub Total \$1595.00

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 0
 Total 1543
 MP/DST Disc't —

Approved By — Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58573**

Well Name & No. Six M# 4-23 Test No. 3 Date 2-6-15
 Company American Warrior Inc. Elevation 2941 KB 2930 GL
 Address 3118 Cummings Rd P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke#5
 Location: Sec. 23 Twp. 22S Rge. 34W Co. Finney State KS

Interval Tested 4698-4780 Zone Tested Morrow
 Anchor Length 82' Drill Pipe Run 4432 Mud Wt. 9.3
 Top Packer Depth 4693 Drill Collars Run 248 Vis 56
 Bottom Packer Depth 4698 Wt. Pipe Run Ø WL 8.8
 Total Depth 4780 Chlorides 3200 ppm System LCM 3

Blow Description IF: Built to 2 1/2"
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>0cm</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 112 Gravity — API RW — °F Chlorides — ppm
 (A) Initial Hydrostatic 2405 ☒ Test #1150.00 T-On Location 20:50
 (B) First Initial Flow 56 ☒ Jars #250.00 T-Started 23:04
 (C) First Final Flow 68 ☒ Safety Joint #75.00 T-Open 01:09
 (D) Initial Shut-In 110 ☒ Circ Sub NC T-Pulled 03:09
 (E) Second Initial Flow 67 ☐ Hourly Standby — T-Out 05:18
 (F) Second Final Flow 78 ☒ Mileage 68 RT #68.00 + 68 comments Loaded Tools
 (G) Final Shut-In 91 ☐ Sampler Mileage X2 10 Am on 2-8-15
 (H) Final Hydrostatic 2396 ☐ Straddle — ☐ Ruined Shale Packer —

Initial Open 30 ☐ Shale Packer — ☐ Ruined Packer —
 Initial Shut-In 30 ☐ Extra Packer — ☐ Extra Copies —
 Final Flow 30 ☐ Extra Recorder 1d 17.5h Sub Total 583.33
 Final Shut-In 30 ☒ Day Standby 2-3 Total 2194.33
☐ Accessibility 1611 MP/DST Disc't —
 Sub Total #1595.00

Approved By — Our Representative Mike Roberts

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