



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Keith Reavis

Wait #7

6-33s-19w Comanche,KS

Start Date: 2014.04.01 @ 06:57:26

End Date: 2014.04.01 @ 15:53:11

Job Ticket #: 52488 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.09 @ 11:37:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

6-33s-19w Comanche, KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52488

DST#: 1

ATTN: Keith Reavis

Test Start: 2014.04.01 @ 06:57:26

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:40:26

Time Test Ended: 15:53:11

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: 4854.00 ft (KB) To 4900.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 4900.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8790

Inside

Press@RunDepth: 21.00 psig @ 4860.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.01

End Date:

2014.04.01

Last Calib.:

2014.04.01

Start Time: 06:57:31

End Time:

15:53:11

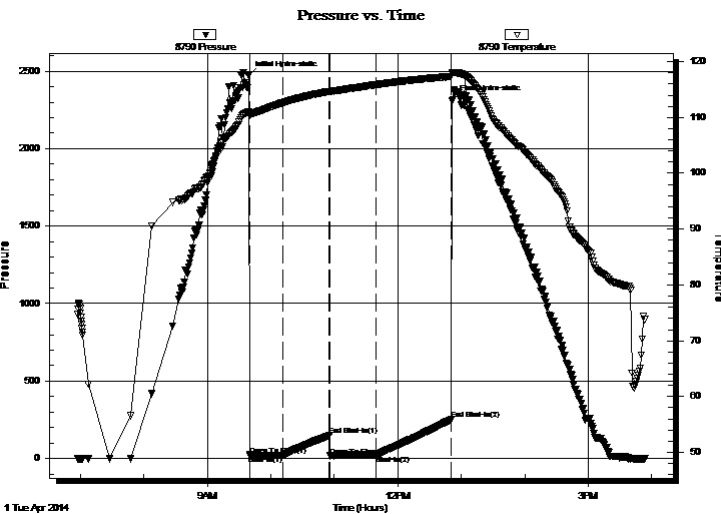
Time On Btm:

2014.04.01 @ 09:38:56

Time Off Btm:

2014.04.01 @ 12:52:11

TEST COMMENT: IF: Fair blow . 1" - 5"
IS: No blow
FF: Fair blow . 1" - 3"
FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2471.94	111.01	Initial Hydro-static
2	22.14	110.60	Open To Flow (1)
33	20.09	112.60	Shut-In(1)
77	147.92	114.64	End Shut-In(1)
77	16.77	114.59	Open To Flow (2)
121	21.00	115.84	Shut-In(2)
192	250.93	117.34	End Shut-In(2)
194	2315.87	118.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	VSLI OspkdM trc%o, 99%m	0.20
0.00	320' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
3118 Cummings Rd.
Garden City, KS 67846
ATTN: Keith Reavis

6-33s-19w Comanche,KS

Wait #7

Job Ticket: 52488

DST#: 1

Test Start: 2014.04.01 @ 06:57:26

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:40:26

Time Test Ended: 15:53:11

Interval: 4854.00 ft (KB) To 4900.00 ft (KB) (TVD)

Total Depth: 4900.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Reference Elevations: 1882.00 ft (KB)

1871.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8792 **Outside**

Press@RunDepth: psig @ 4860.00 ft (KB)

Start Date: 2014.04.01 End Date: 2014.04.01

Start Time: 06:52:45 End Time: 15:55:10

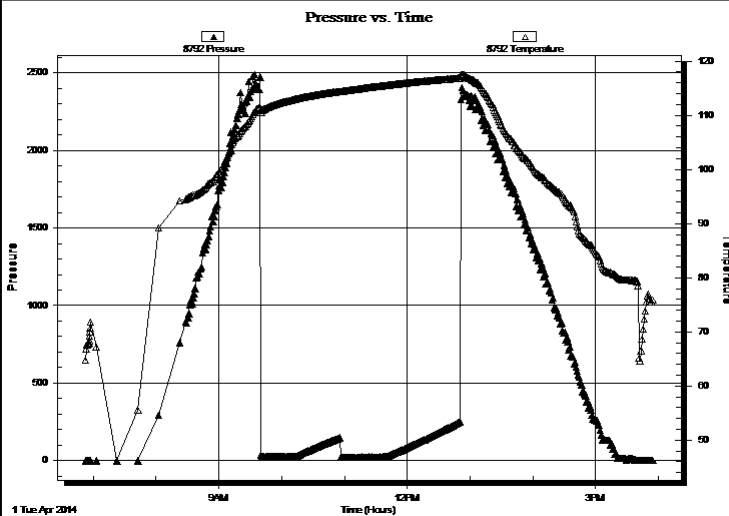
Capacity: 8000.00 psig

Last Calib.: 2014.04.01

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Fair blow . 1" - 5"
IS: No blow
FF: Fair blow . 1" - 3"
FS: No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
40.00	VSLI OspkdM trc%o, 99%m	0.20
0.00	320' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52488

DST#: 1

ATTN: Keith Reavis

Test Start: 2014.04.01 @ 06:57:26

Tool Information

Drill Pipe:	Length: 4586.00 ft	Diameter: 3.80 inches	Volume: 64.33 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4854.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.00 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			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	27.00 Bottom Of Top Packer
Packer	4.00			4854.00	
Stubb	1.00			4855.00	
Perforations	4.00			4859.00	
Change Over Sub	1.00			4860.00	
Recorder	0.00	8790	Inside	4860.00	
Recorder	0.00	8792	Outside	4860.00	
Drill Pipe	31.00			4891.00	
Change Over Sub	1.00			4892.00	
Perforations	5.00			4897.00	
Bullnose	3.00			4900.00	46.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52488

DST#: 1

ATTN: Keith Reavis

Test Start: 2014.04.01 @ 06:57:26

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:

9000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	VSLI OspkdM trc%o, 99%m	0.197
0.00	320' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

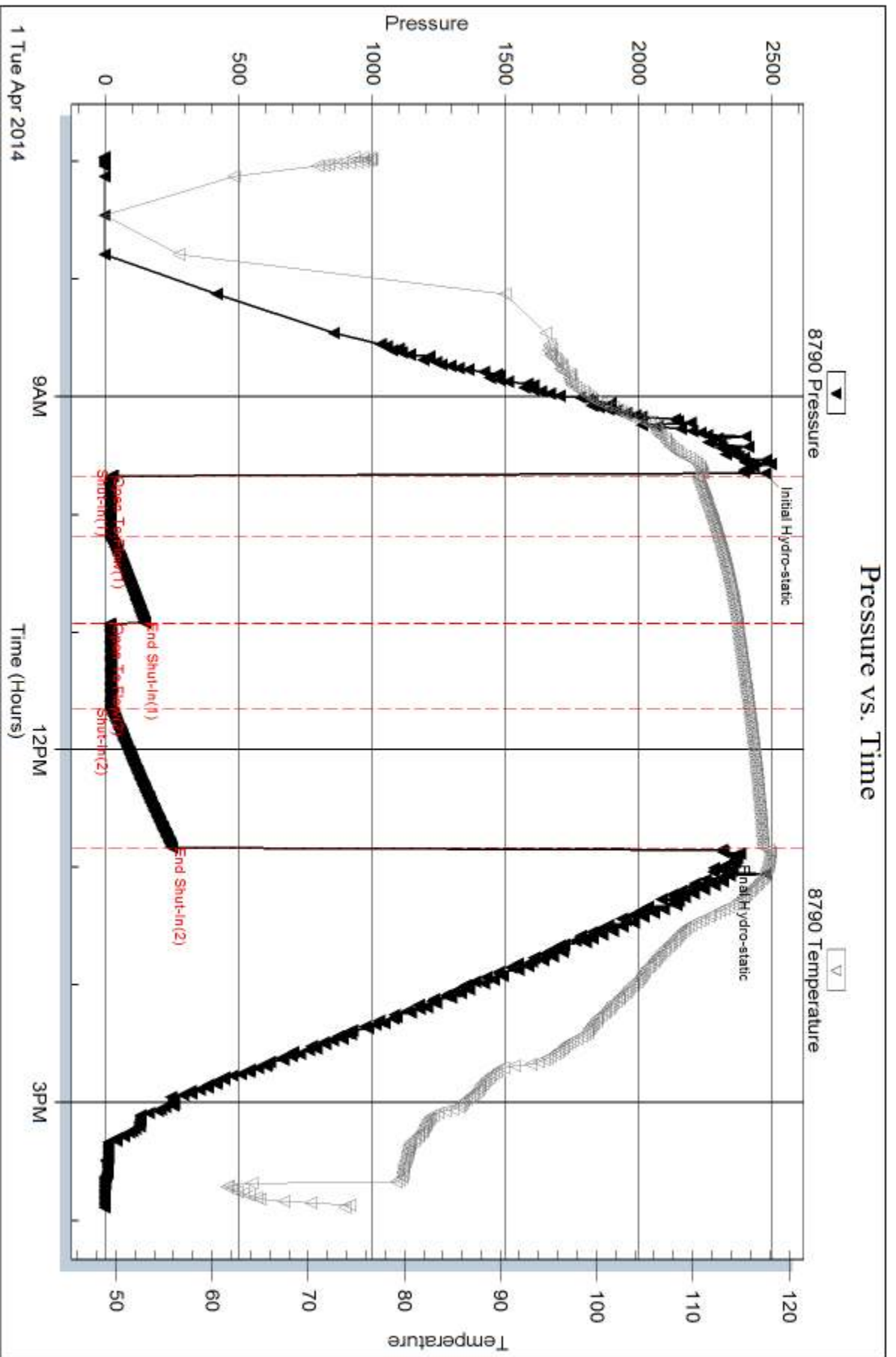
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

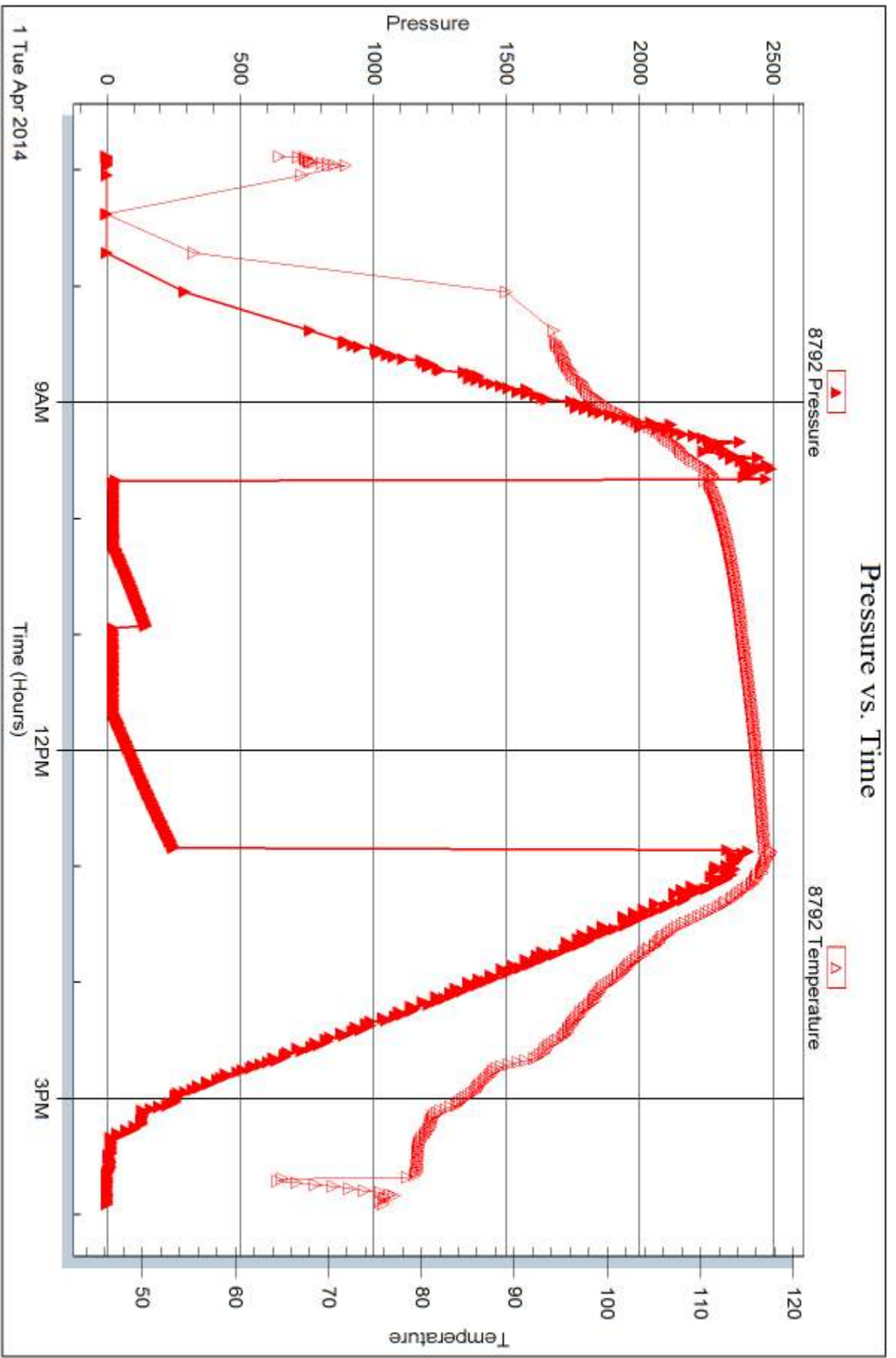


Serial #: 8792

Outside American Warrior Inc.

Wall #7

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 52488

Printed: 2014.04.09 @ 11:37:16



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Keith Reavis

Wait #7

6-33s-19w Comanche,KS

Start Date: 2014.04.02 @ 03:20:09

End Date: 2014.04.02 @ 12:18:54

Job Ticket #: 52489 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.09 @ 11:36:46



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

6-33s-19w Comanche, KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52489

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.02 @ 03:20:09

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:00:39

Time Test Ended: 12:18:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Interval: 4912.00 ft (KB) To 4950.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 4950.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8792 Outside

Press@RunDepth: 33.67 psig @ 4913.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.02

End Date:

2014.04.02

Last Calib.:

2014.04.02

Start Time: 03:20:14

End Time:

12:18:54

Time On Btm:

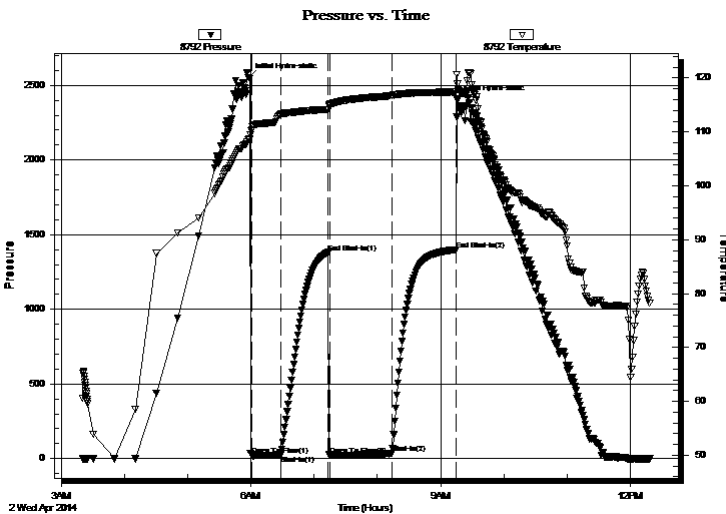
2014.04.02 @ 05:57:24

Time Off Btm:

2014.04.02 @ 09:15:54

TEST COMMENT: IF: Strong blow . BOB @ 8 min.
IS: No blow
FF: Strong blow . BOB immed. GTS @ 42 min.
FS: NO blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2551.74	108.54	Initial Hydro-static
4	19.90	110.39	Open To Flow (1)
31	25.18	113.34	Shut-In(1)
76	1380.57	114.20	End Shut-In(1)
78	24.30	114.97	Open To Flow (2)
137	33.67	116.71	Shut-In(2)
198	1398.83	117.44	End Shut-In(2)
199	2402.13	118.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drig mud 100% mud	0.10
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	-
Last Gas Rate	0.13	5.00	1.88
Max. Gas Rate	0.13	5.00	1.88



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52489

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.02 @ 03:20:09

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:00:39

Time Test Ended: 12:18:54

Interval: 4912.00 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: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Reference Elevations: 1882.00 ft (KB)

1871.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4913.00 ft (KB)

Start Date: 2014.04.02

End Date:

2014.04.02

Start Time: 03:15:39

End Time:

12:20:34

Capacity: 8000.00 psig

Last Calib.: 2014.04.02

Time On Btm:

Time Off Btm:

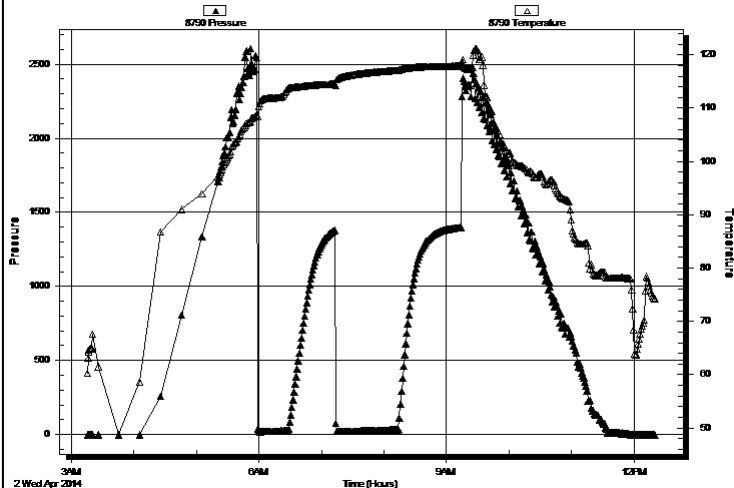
TEST COMMENT: IF: Strong blow . BOB @ 8 min.

IS: No blow

FF: Strong blow . BOB immed. GTS @ 42 min.

FS: NO blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drig mud 100% mud	0.10
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	-
Last Gas Rate	0.13	5.00	1.88
Max. Gas Rate	0.13	5.00	1.88

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52489

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.02 @ 03:20:09

Tool Information

Drill Pipe:	Length: 4648.00 ft	Diameter: 3.80 inches	Volume: 65.20 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4912.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			4886.00	
Shut In Tool	5.00			4891.00	
Hydraulic tool	5.00			4896.00	
Jars	5.00			4901.00	
Safety Joint	2.00			4903.00	
Packer	5.00			4908.00	27.00 Bottom Of Top Packer
Packer	4.00			4912.00	
Stubb	1.00			4913.00	
Recorder	0.00	8790	Inside	4913.00	
Recorder	0.00	8792	Outside	4913.00	
Perforations	34.00			4947.00	
Bullnose	3.00			4950.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52489

DST#: 2

ATTN: Keith Reavis

Test Start: 2014.04.02 @ 03:20:09

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:

7000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drig mud 100%mud	0.098
0.00	GTS	0.000

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 1

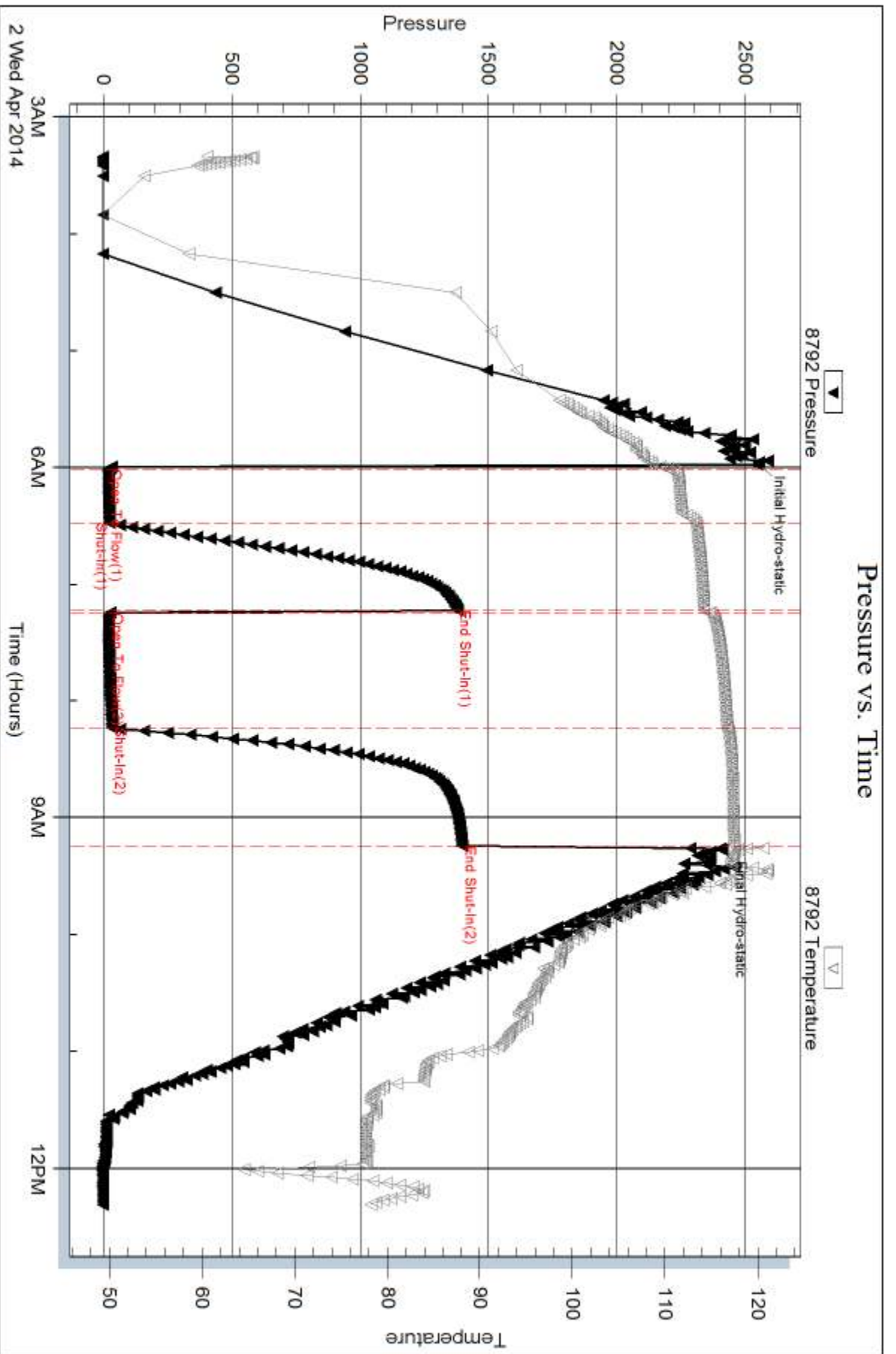
Num Gas Bombs: 1

Serial #: RR-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



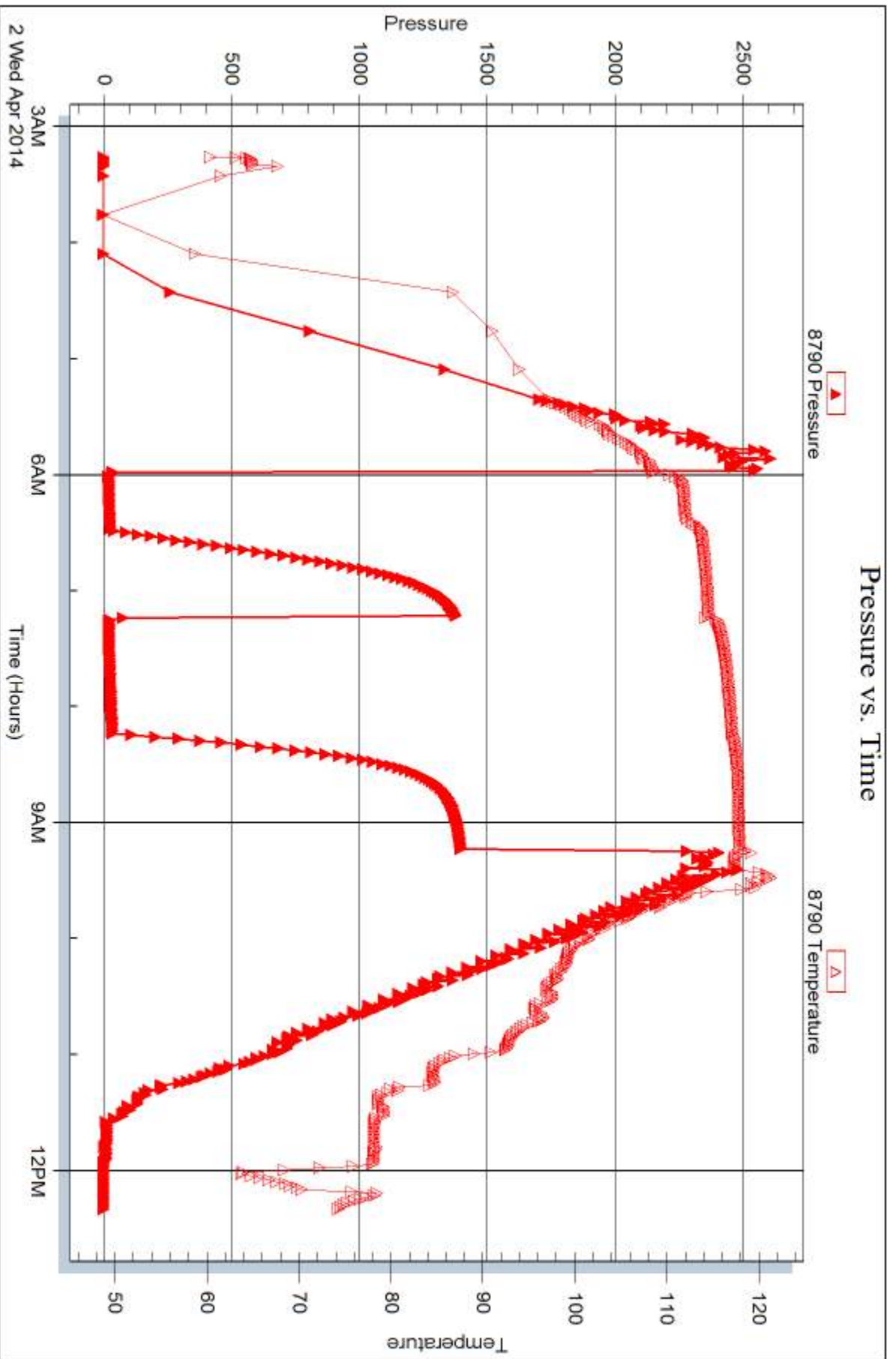
Serial #: 8790

Inside

American Warrior Inc.

Wall #7

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 52489

Printed: 2014.04.09 @ 11:36:49



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Keith Reavis

Wait #7

6-33s-19w Comanche,KS

Start Date: 2014.04.05 @ 10:45:35

End Date: 2014.04.05 @ 22:50:50

Job Ticket #: 52490 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.09 @ 11:36:00

American Warrior Inc. 6-33s-19w Comanche,KS Wait #7 DST # 3 Viola 2014.04.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

6-33s-19w Comanche, KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52490

DST#: 3

ATTN: Keith Reavis

Test Start: 2014.04.05 @ 10:45:35

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:08:35

Time Test Ended: 22:50:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Interval: 5840.00 ft (KB) To 5877.00 ft (KB) (TVD)

Reference Elevations: 1882.00 ft (KB)

Total Depth: 5877.00 ft (KB) (TVD)

1871.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8790

Inside

Press@RunDepth: 2005.21 psig @ 5841.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.05

End Date:

2014.04.05

Last Calib.:

2014.04.05

Start Time: 10:45:40

End Time:

22:50:50

Time On Btm:

2014.04.05 @ 14:06:05

Time Off Btm:

2014.04.05 @ 17:45:35

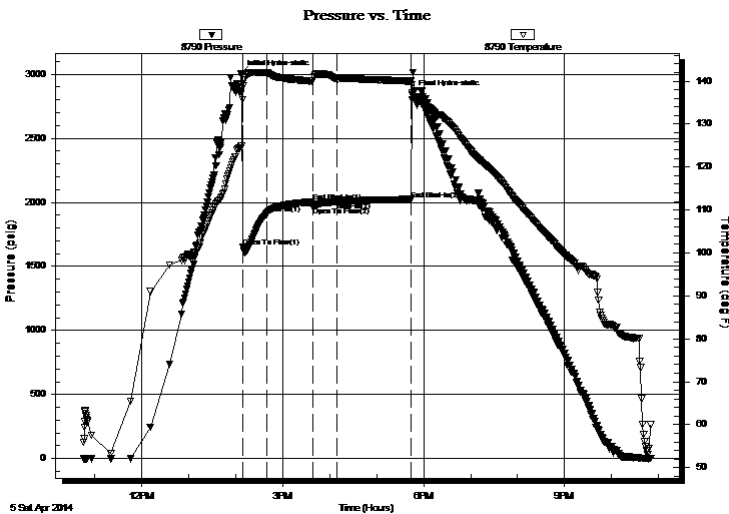
TEST COMMENT: IF: Strong blow . BOB @ 30sec.

IS: Weak surf. blow

FF: Strong blow . BOB @ 1 min. No GTS.

FS: Strong BB. BOB @ 1 hr.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3001.37	124.90	Initial Hydro-static
3	1651.92	135.62	Open To Flow (1)
33	1907.35	141.93	Shut-In(1)
92	2003.27	140.01	End Shut-In(1)
93	1961.87	140.18	Open To Flow (2)
123	2005.21	140.51	Shut-In(2)
218	2024.14	139.97	End Shut-In(2)
220	2839.77	137.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
755.00	GCW 5%g, 95%w	8.37
3215.00	OGCW 2%o, 5%g, 93%w	45.10
250.00	OGWCM 4%o, 16%g, 30%w, 50%m	3.51
0.00	355' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.

6-33s-19w Comanche, KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52490

DST#: 3

ATTN: Keith Reavis

Test Start: 2014.04.05 @ 10:45:35

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:08:35

Time Test Ended: 22:50:50

Interval: 5840.00 ft (KB) To 5877.00 ft (KB) (TVD)

Total Depth: 5877.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Reynolds

Unit No: 68

Reference Elevations: 1882.00 ft (KB)

1871.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8792 Outside

Press@RunDepth: psig @ 5841.00 ft (KB)

Start Date: 2014.04.05

End Date:

2014.04.05

Start Time: 10:40:58

End Time:

22:55:38

Capacity: 8000.00 psig

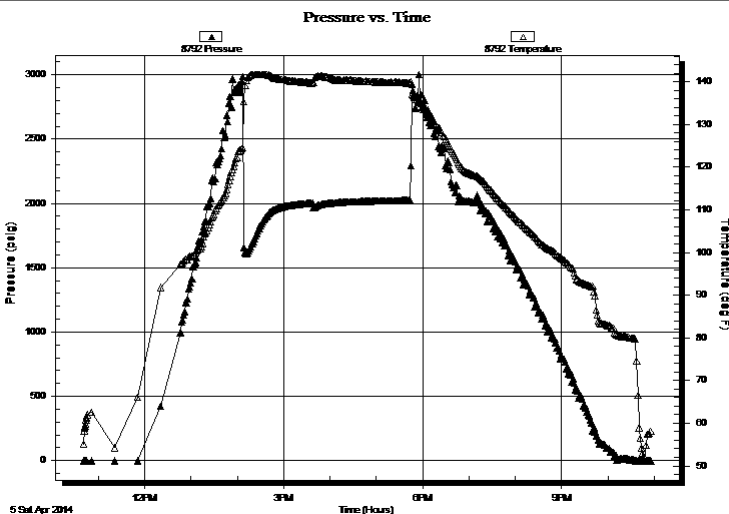
Last Calib.: 2014.04.05

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . BOB @ 30sec.
IS: Weak surf. blow
FF: Strong blow . BOB @ 1 min. No GTS.
FS: Strong BB. BOB @ 1 hr.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
755.00	GCW 5%g, 95%w	8.37
3215.00	OGCW 2%o, 5%g, 93%w	45.10
250.00	OGWCM 4%o, 16%g, 30%w, 50%m	3.51
0.00	355' GIP	0.00

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.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52490

DST#: 3

ATTN: Keith Reavis

Test Start: 2014.04.05 @ 10:45:35

Tool Information

Drill Pipe:	Length: 5590.00 ft	Diameter: 3.80 inches	Volume: 78.41 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	81000.00 lb
Drill Pipe Above KB:	21.00 ft			Final	101000.0 lb
Depth to Top Packer:	5840.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	64.00 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			5814.00	
Shut In Tool	5.00			5819.00	
Hydraulic tool	5.00			5824.00	
Jars	5.00			5829.00	
Safety Joint	2.00			5831.00	
Packer	5.00			5836.00	27.00 Bottom Of Top Packer
Packer	4.00			5840.00	
Stubb	1.00			5841.00	
Recorder	0.00	8790	Inside	5841.00	
Recorder	0.00	8792	Outside	5841.00	
Perforations	33.00			5874.00	
Bullnose	3.00			5877.00	37.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

6-33s-19w Comanche,KS

3118 Cummings Rd.
Garden City, KS 67846

Wait #7

Job Ticket: 52490

DST#: 3

ATTN: Keith Reavis

Test Start: 2014.04.05 @ 10:45:35

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:

63000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
755.00	GCW 5%g, 95%w	8.368
3215.00	OGCW 2%o, 5%g, 93%w	45.098
250.00	OGWCM 4%o, 16%g, 30%w, 50%m	3.507
0.00	355' GIP	0.000

Total Length: 4220.00 ft

Total Volume: 56.973 bbl

Num Fluid Samples: 0

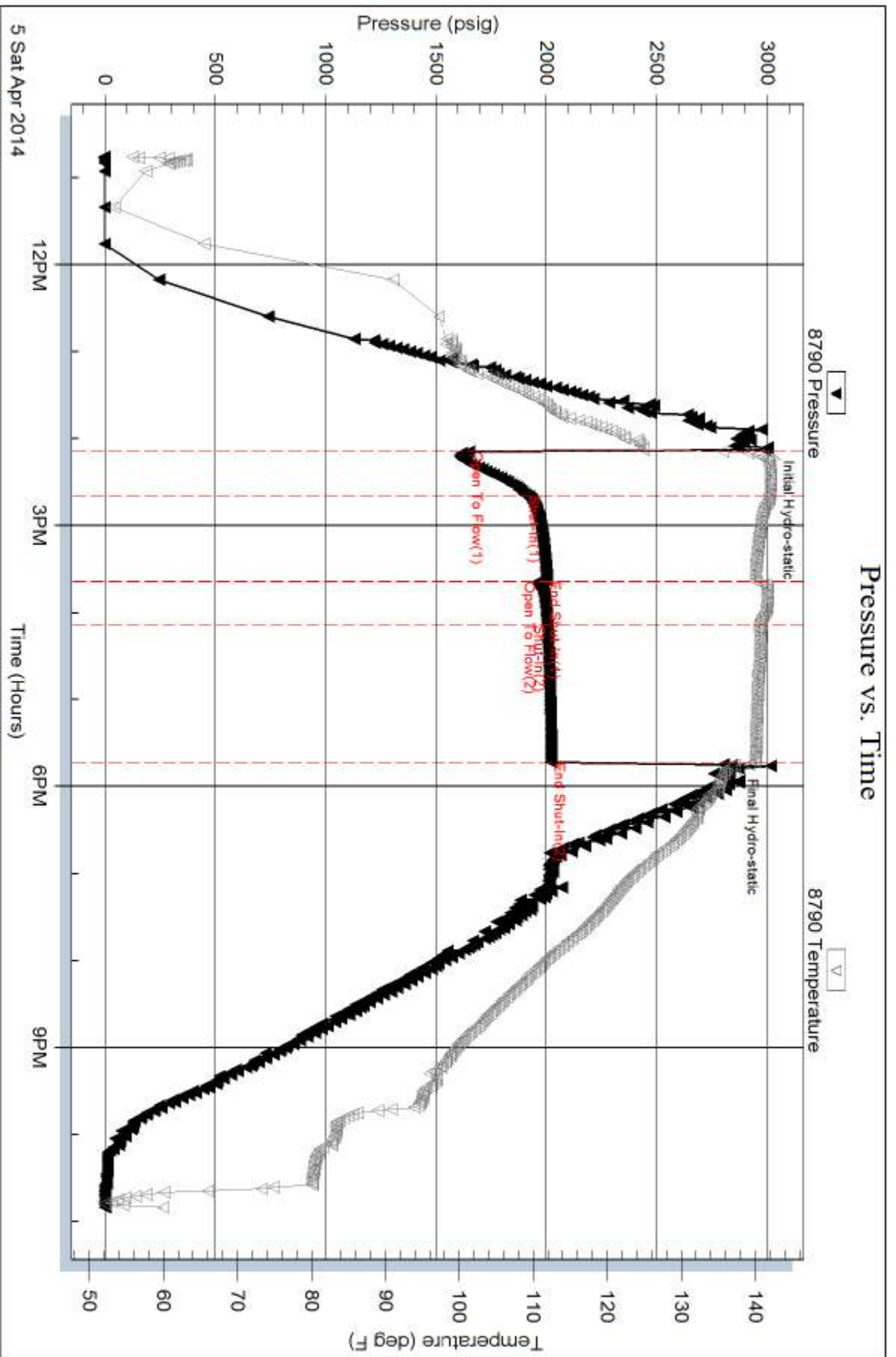
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

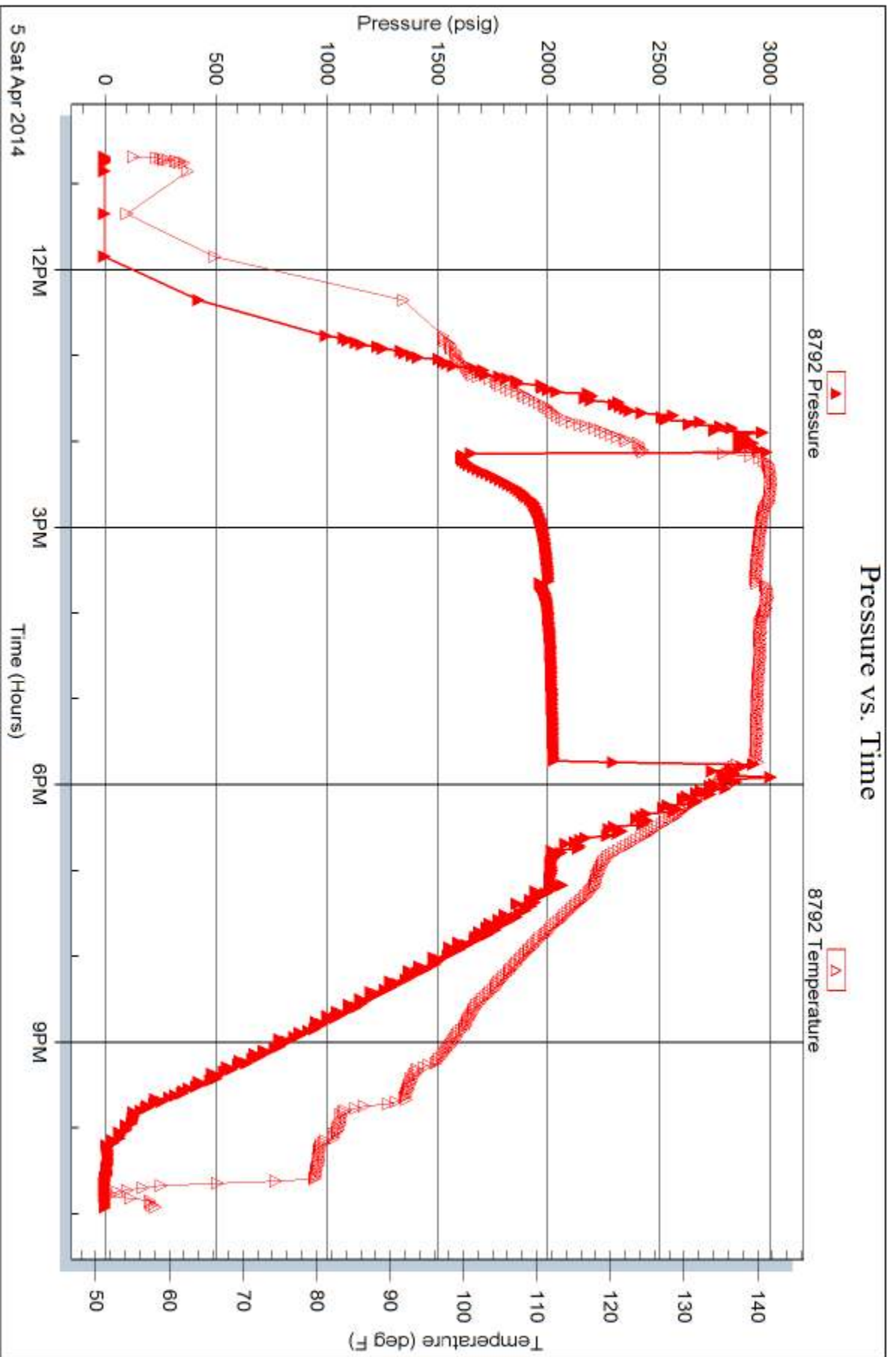


Serial #: 8792

Outside American Warrior Inc.

Well #7

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52488

Well Name & No. Wait #7 Test No. 1 Date 4-1-14
 Company American Warrior Trv. Elevation 1882 KB 1871 GL
 Address 3118 Cummings Rd. Garden City, KS 67846
 Co. Rep / Geo. Keith Reavis Rig Duke #5
 Location: Sec. 6 Twp. 33s Rge. 19w. Co. Comanche State KS

Interval Tested 4854-4900 Zone Tested Altamont
 Anchor Length 46 Drill Pipe Run 4586 Mud Wt. 9.3
 Top Packer Depth 4849 Drill Collars Run 244 Vis 51
 Bottom Packer Depth 4854 Wt. Pipe Run Ø WL 10.8
 Total Depth 4900 Chlorides 9000 ppm System LCM 1#
 Blow Description IF: Fair blow. 1" - 5" ISI: No blow.
FF: Fair blow. 1" - 3" FST: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>320</u>	<u>GIP</u>				
<u>40</u>	<u>VSLT OSpkd M</u>		<u>Tr</u>		<u>99</u>

Rec Total 40 BHT 118 Gravity n/c API RW n/c @ n/c °F Chlorides 9000 ppm

(A) Initial Hydrostatic <u>2472</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0430</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0657</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0940</u>
(D) Initial Shut-In <u>148</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1240</u>
(E) Second Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1 1/2</u>	T-Out <u>1553</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>142</u> <u>220.10</u>	Comments
(G) Final Shut-In <u>251</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2316</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1795.10</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1795.10</u>	

Approved By _____ Our Representative Ryan Reynolds

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. 52489

Well Name & No. Wait #7 Test No. 2 Date 4-2-14
 Company American Warrior Inc. Elevation 1882 KB 1871 GL
 Address 3118 Cummings Rd. Garden City, KS 67846
 Co. Rep / Geo. Keith Reavis Rig Duke #5
 Location: Sec. 6 Twp. 33s. Rge. 19w. Co. Comanche State KS

Interval Tested 4912 - 4950 Zone Tested Pawnee
 Anchor Length 38 Drill Pipe Run 4648 Mud Wt. 9.4
 Top Packer Depth 4907 Drill Collars Run 244 Vis 68
 Bottom Packer Depth 4912 Wt. Pipe Run Ø WL 9.2
 Total Depth 4950 Chlorides 7000 ppm System LCM 4#

Blow Description IF: Strong blow. BoB @ 8 min. IST: No blow
FF: Strong blow. BoB immed. GTS @ 42 min. FST: No blow

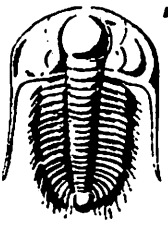
Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Dry mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 117 Gravity N/C API RW N/C @ N/C °F Chlorides 7000 ppm

(A) Initial Hydrostatic 2552 Test 1250 T-On Location 0300
 (B) First Initial Flow 20 Jars 250 T-Started 0320
 (C) First Final Flow 25 Safety Joint 75 T-Open 0600
 (D) Initial Shut-In 1381 Circ Sub _____ T-Pulled 0915
 (E) Second Initial Flow 24 Hourly Standby _____ T-Out 1219
 (F) Second Final Flow 34 Mileage 142 220.10 Comments _____
 (G) Final Shut-In 1399 Sampler _____
 (H) Final Hydrostatic 2402 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 1533.33
 Final Flow 60 Day Standby 2 days (DST #2-3) Total 3328.43
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1795.10

Approved By _____ Our Representative Ryan Reynolds
 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.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

American Warrior
OPERATOR

Well # 7 (4912-4950) Pawnee
WELL NAME AND NO.

2
DST NO.

GTS @ 42 min on FFP

Min.	In. of Water PSIG	Orifice Size	M CF/D	Min.	In. of Water PSIG	Orifice Size	CF/D
45	4	1/8"	6.500				
50	5	1/8"	6.800				
55	7	1/8"	7.500				
60	8	1/8"	7.800				

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52490

Well Name & No. Wait #7 Test No. 3 Date 4-5-14
 Company American Warrior Inc. Elevation 1882 KB 1871 GL
 Address 3118 Cummings Rd. Garden City, KS 67846
 Co. Rep / Geo. Keith Beavis Rig Duke 5
 Location: Sec. 6 Twp. 33s. Rge. 19w. Co. Comanche State KS

Interval Tested 5840-5877 Zone Tested Viola
 Anchor Length 37 Drill Pipe Run 5590 Mud Wt. 9.4
 Top Packer Depth 5835 Drill Collars Run 244 Vis 55
 Bottom Packer Depth 5840 Wt. Pipe Run Ø WL 9.6
 Total Depth 5877 Chlorides 5500 ppm System LCM 6#

Blow Description IF: Strong blow. BoB @ 30 sec. No GTS
IST: Weak surf. blow
FF: Strong blow. BoB @ 1 min. No GTS
FST: Strong BB. BoB @ 1 hr.

Rec	Feet of	%gas	%oil	%water	%mud
<u>355</u>	<u>GIP</u>				
<u>250</u>	<u>OG WCM</u>	<u>16</u>	<u>4</u>	<u>30</u>	<u>50</u>
<u>3215</u>	<u>GOLW</u>	<u>5</u>	<u>2</u>	<u>93</u>	
<u>755</u>	<u>GLW</u>	<u>5</u>		<u>95</u>	

Rec Total 4220 BHT 140 Gravity N/C API RW 0.12 @ 70 °F Chlorides 63000 ppm

(A) Initial Hydrostatic <u>3001</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>1015</u>
(B) First Initial Flow <u>1652</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1046</u>
(C) First Final Flow <u>1907</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1409</u>
(D) Initial Shut-In <u>2003</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1737</u>
(E) Second Initial Flow <u>1962</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2 3/4</u> 2.25h	T-Out <u>2251</u>
(F) Second Final Flow <u>2005</u>	<input checked="" type="checkbox"/> Mileage <u>142</u> 440.20	Comments
(G) Final Shut-In <u>2024</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2840</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 90

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby 1 day Pick @ 0100
 Accessibility 1d 2h 4-7-14

Sub Total 2340.20

Sub Total 800
 Total 3140.20
 MP/DST Disc't

Approved By _____ Our Representative Ryan Reynolds

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.