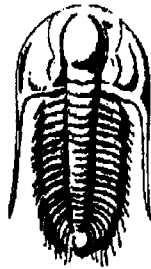


15-077-21563



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

29 32S 7W Harper KS

Bertha #1-29

Start Date: 2006.09.12 @ 00:14:49

End Date: 2006.09.12 @ 08:54:34

Job Ticket #: 24940 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Bertha #1-29

29 32S 7W Harper KS

Job Ticket: 24940

DST#: 1

Test Start: 2006.09.12 @ 00:14:49

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:42:49

Time Test Ended: 08:54:34

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 30

Interval: **3972.00 ft (KB) To 4004.00 ft (KB) (TVD)**

Total Depth: 4004.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1387.00 ft (KB)

1376.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6668

Inside

Press@RunDepth: 30.00 psig @ 3973.00 ft (KB)

Start Date: 2006.09.12

End Date:

2006.09.12

Capacity: 7000.00 psig

Last Calib.: 2006.09.12

Start Time: 00:14:54

End Time:

08:54:34

Time On Btm: 2006.09.12 @ 02:41:34

Time Off Btm: 2006.09.12 @ 06:46:04

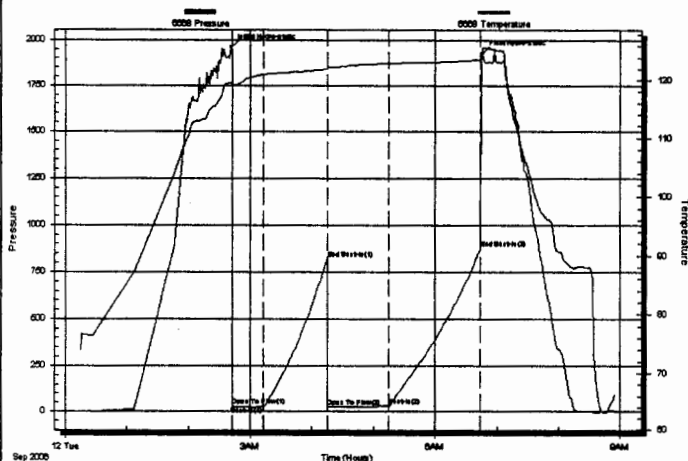
TEST COMMENT: IF Weak blow Slow increase to 5 1/2 "

ISI No blow

FF Strong blow BOB in 10 secs.

FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1958.63	119.61	Initial Hydro-static
2	28.91	119.29	Open To Flow (1)
32	23.69	121.00	Shut-In (1)
94	820.19	121.96	End Shut-In (1)
94	23.76	122.03	Open To Flow (2)
153	30.00	122.94	Shut-In (2)
243	874.75	123.64	End Shut-In (2)
245	1926.08	125.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
28.00	SOCM 2%O 98%M	0.39
0.00	820 ft.of 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.

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Bertha #1-29

29 32S 7W Harper KS

Job Ticket: 24940

DST#: 1

Test Start: 2006.09.12 @ 00:14:49

Tool Information

Drill Pipe:	Length: 3967.00 ft	Diameter: 3.80 inches	Volume: 55.65 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
			Total Volume: 55.65 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3972.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			3945.00	
Shut In Tool	5.00			3950.00	
Hydraulic tool	5.00			3955.00	
Jars	5.00			3960.00	
Safety Joint	2.00			3962.00	
Packer	5.00			3967.00	28.00 Bottom Of Top Packer
Packer	5.00			3972.00	
Stubb	1.00			3973.00	
Recorder	0.00	6668	Inside	3973.00	
Anchor	28.00			4001.00	
Recorder	0.00	13266	Outside	4001.00	
Bullnose	3.00			4004.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Bertha #1-29

PO Box 399
Garden City KS 67846

29 32S 7W Harper KS

Job Ticket: 24940 **DST#: 1**

ATTN: James Dilts

Test Start: 2006.09.12 @ 00:14:49

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:

5100 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
28.00	SOCM 2%O 98%M	0.393
0.00	820 ft.of GIP	0.000

Total Length: 28.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

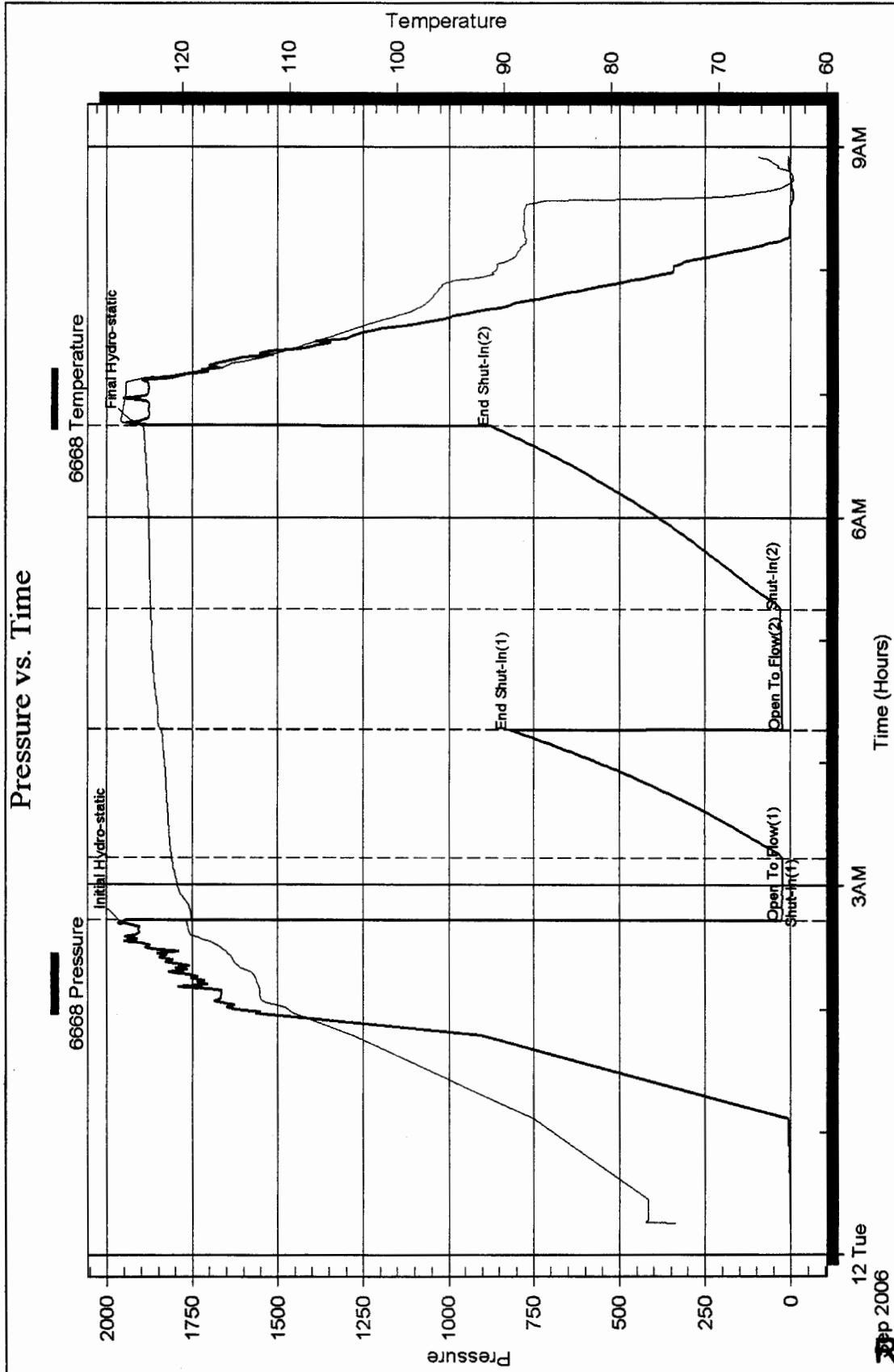
Inside

American Warrior Inc.

29 32S 7W Harper KS

DST Test Number: 1

Pressure vs. Time



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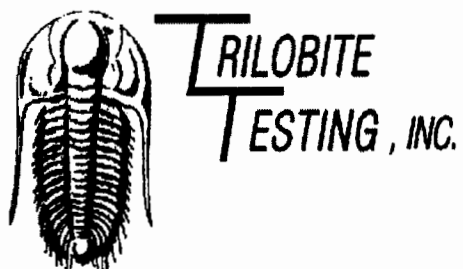
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Transi-Test, Inc.

Ref. No: 24940

Printed: 2006.09.20 @ 09:32:25 Page 5



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

29 32S 7W Harper KS

Bertha #1-29

Start Date: 2006.09.13 @ 19:41:51

End Date: 2006.09.14 @ 03:37:21

Job Ticket #: 24941 DST #: 2

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Printed: 2006.09.20 @ 09:33:07 Page 1

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American Warrior Inc.

Bertha #1-29

29 32S 7W Harper KS

DST # 2

Miss.

2006.09.13



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Bertha #1-29

29 32S 7W Harper KS

Job Ticket: 24941

DST#: 2

Test Start: 2006.09.13 @ 19:41:51

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:20:51

Time Test Ended: 03:37:21

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pavoteaux**

Unit No: **30**

Interval: **4404.00 ft (KB) To 4420.00 ft (KB) (TVD)**

Total Depth: **4420.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1387.00 ft (KB)**

1376.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6668 **Inside**

Press@RunDepth: **73.52 psig @ 4405.00 ft (KB)**

Start Date: **2006.09.13**

End Date:

2006.09.14

Start Time: **19:41:56**

End Time:

03:37:20

Capacity: **7000.00 psig**

Last Calib.: **2006.09.14**

Time On Btm: **2006.09.13 @ 21:19:36**

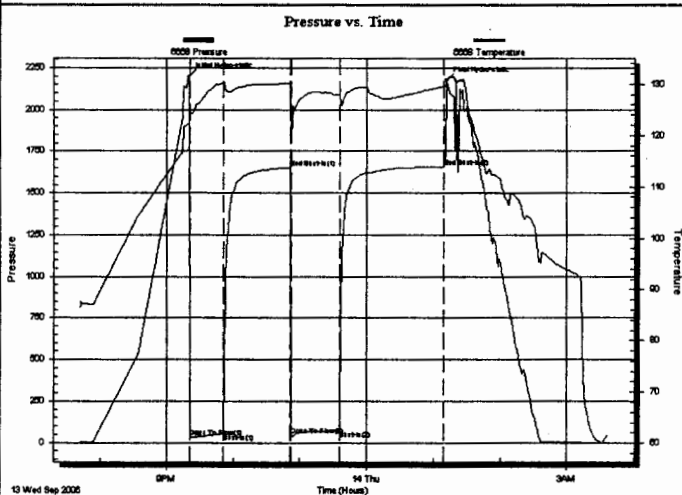
Time Off Btm: **2006.09.14 @ 01:11:20**

TEST COMMENT: **IF Strong blow BOB in 15 secs. GTS in 16 mins. (see gas flow report)**

ISI No blow

FF Strong blow (see gas flow report)

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.05	122.38	Initial Hydro-static
2	33.63	124.25	Open To Flow (1)
32	55.86	130.24	Shut-In (1)
93	1651.48	130.15	End Shut-In (1)
93	41.89	120.04	Open To Flow (2)
137	73.52	127.96	Shut-In (2)
230	1657.53	129.57	End Shut-In (2)
232	2177.29	129.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
96.00	MW 14%M 86%W Rv .085 OHMS@71	1.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.78
Last Gas Rate	0.38	14.00	104.04
Max. Gas Rate	0.25	19.00	52.99



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Bertha #1-29

29 32S 7W Harper KS

Job Ticket: 24941

DST#: 2

Test Start: 2006.09.13 @ 19:41:51

Tool Information

Drill Pipe:	Length: 4409.00 ft	Diameter: 3.80 inches	Volume: 61.85 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	96000.00 lb
			Total Volume: 61.85 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4404.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	44.00 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			4377.00	
Shut In Tool	5.00			4382.00	
Hydraulic tool	5.00			4387.00	
Jars	5.00			4392.00	
Safety Joint	2.00			4394.00	
Packer	5.00			4399.00	28.00 Bottom Of Top Packer
Packer	5.00			4404.00	
Stubb	1.00			4405.00	
Recorder	0.00	6668	Inside	4405.00	
Anchor	12.00			4417.00	
Recorder	0.00	13266	Outside	4417.00	
Bullnose	3.00			4420.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Bertha #1-29

PO Box 399
Garden City KS 67846

29 32S 7W Harper KS

Job Ticket: 24941

DST#: 2

ATTN: James Dilts

Test Start: 2006.09.13 @ 19:41:51

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:

93000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
96.00	MW 14%M 86%W Rw .085 OHMS@71 deg	1.347

Total Length: 96.00 ft

Total Volume: 1.347 bbl

Num Fluid Samples: 0

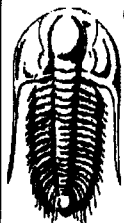
Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc.

Bertha #1-29

PO Box 399
Garden City KS 67846

29 32S 7W Harper KS

Job Ticket: 24941

DST#: 2

ATTN: James Dilts

Test Start: 2006.09.13 @ 19:41:51

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	5.00	30.78
1	30	0.25	13.00	43.47
2	10	0.25	19.00	52.99
2	20	0.38	19.00	122.35
2	30	0.38	15.00	107.70
2	40	0.38	14.00	104.04
2	45	0.38	14.00	104.04

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Serial #: 6668

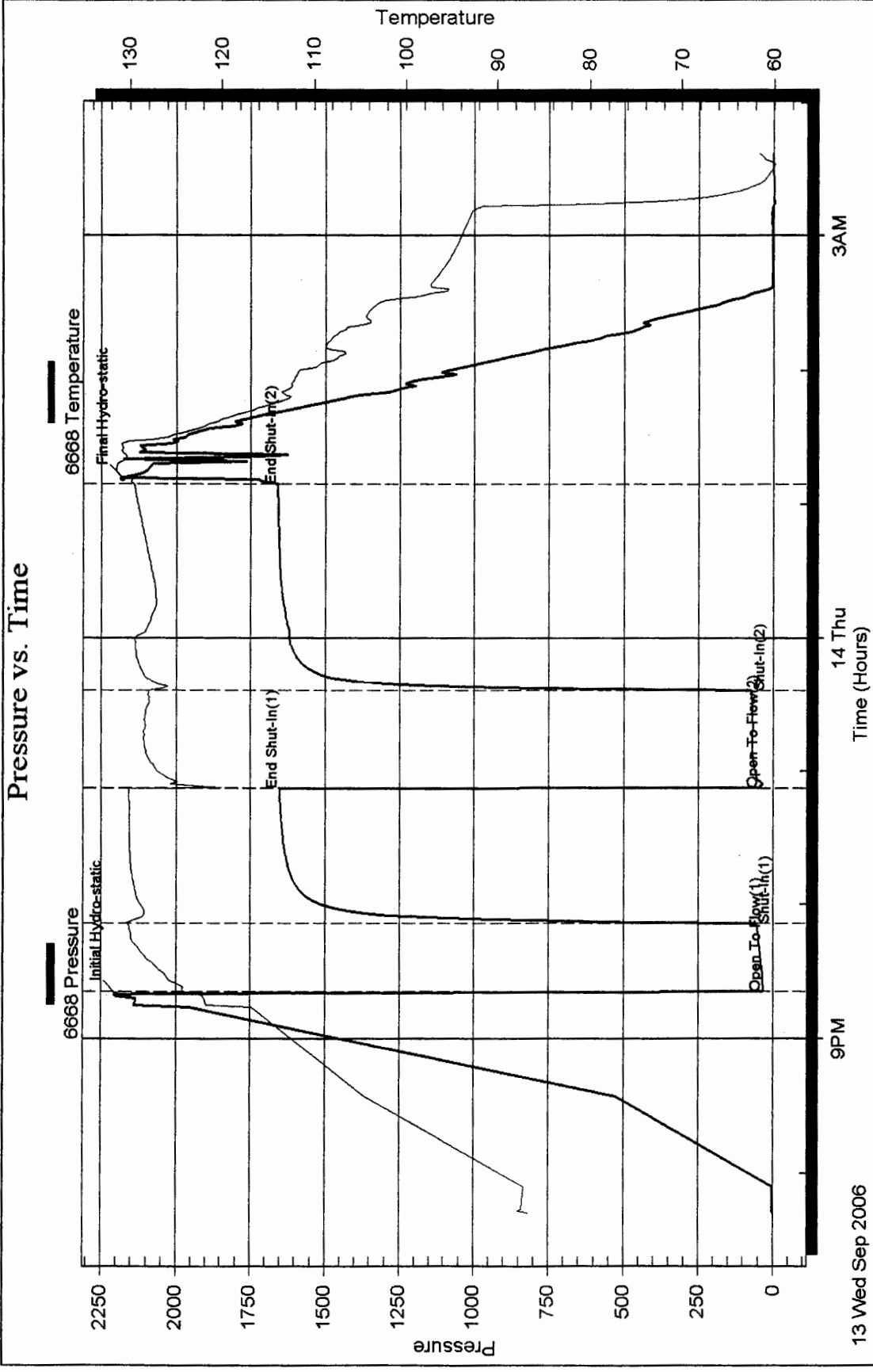
Inside

American Warrior Inc.

29 32S 7W Harper KS

DST Test Number: 2

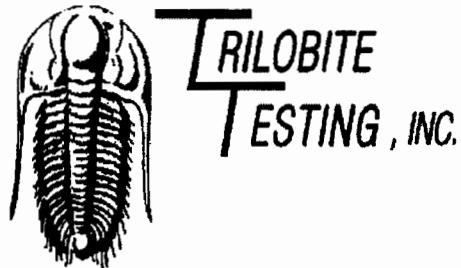
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 24941

Printed: 2006.09.20 @ 09:33:09 Page 6



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

29 32S 7W Harper KS

Bertha #1-29

Start Date: 2006.09.15 @ 15:33:59

End Date: 2006.09.15 @ 21:34:29

Job Ticket #: 24942 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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American Warrior Inc.

Bertha #1-29

29 32S 7W Harper KS

DST # 3

Simpson

2006.09.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Bertha #1-29

29 32S 7W Harper KS

Job Ticket: 24942

DST#: 3

Test Start: 2006.09.15 @ 15:33:59

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 17:18:29

Time Test Ended: 21:34:29

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **30**

Interval: **4771.00 ft (KB) To 4801.00 ft (KB) (TVD)**

Total Depth: **4801.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1387.00 ft (KB)**

1376.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6668

Inside

Press@RunDepth: **26.77 psig @ 4772.00 ft (KB)**

Start Date: **2006.09.15**

End Date:

2006.09.15

Capacity: **7000.00 psig**

Last Calib.: **2006.09.15**

Start Time: **15:34:04**

End Time:

21:34:28

Time On Btm: **2006.09.15 @ 17:17:44**

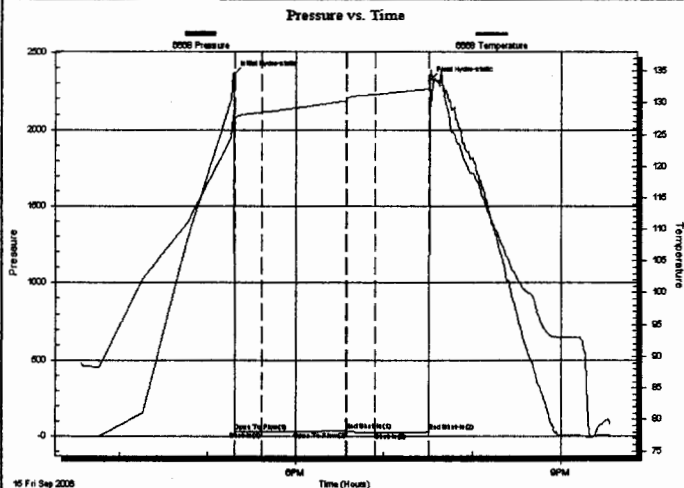
Time Off Btm: **2006.09.15 @ 19:30:59**

TEST COMMENT: **IF Weak blow 3/4 " Dead in 14 mins.**

ISI No blow

FF No blow

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.21	128.05	Initial Hydro-static
1	31.59	127.45	Open To Flow (1)
20	29.44	128.44	Shut-In(1)
77	38.92	130.27	End Shut-In(1)
78	31.37	130.36	Open To Flow (2)
97	26.77	131.27	Shut-In(2)
133	32.29	132.18	End Shut-In(2)
134	2319.61	133.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig. Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

Bertha #1-29

PO Box 399
Garden City KS 67846

29 32S 7W Harper KS

Job Ticket: 24942

DST#: 3

ATTN: James Dilts

Test Start: 2006.09.15 @ 15:33:59

Tool Information

Drill Pipe:	Length: 4754.00 ft	Diameter: 3.80 inches	Volume: 66.69 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 88000.00 lb
			Total Volume: 66.69 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4771.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

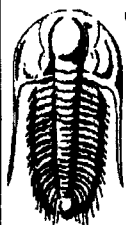
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4744.00	
Shut In Tool	5.00			4749.00	
Hydraulic tool	5.00			4754.00	
Jars	5.00			4759.00	
Safety Joint	2.00			4761.00	
Packer	5.00			4766.00	28.00 Bottom Of Top Packer
Packer	5.00			4771.00	
Stubb	1.00			4772.00	
Recorder	0.00	6668	Inside	4772.00	
Anchor	26.00			4798.00	
Recorder	0.00	13266	Outside	4798.00	
Bullnose	3.00			4801.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Bertha #1-29

PO Box 399
Garden City KS 67846

29 32S 7W Harper KS

Job Ticket: 24942

DST#: 3

ATTN: James Dilts

Test Start: 2006.09.15 @ 15:33:59

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Orig. Mud	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

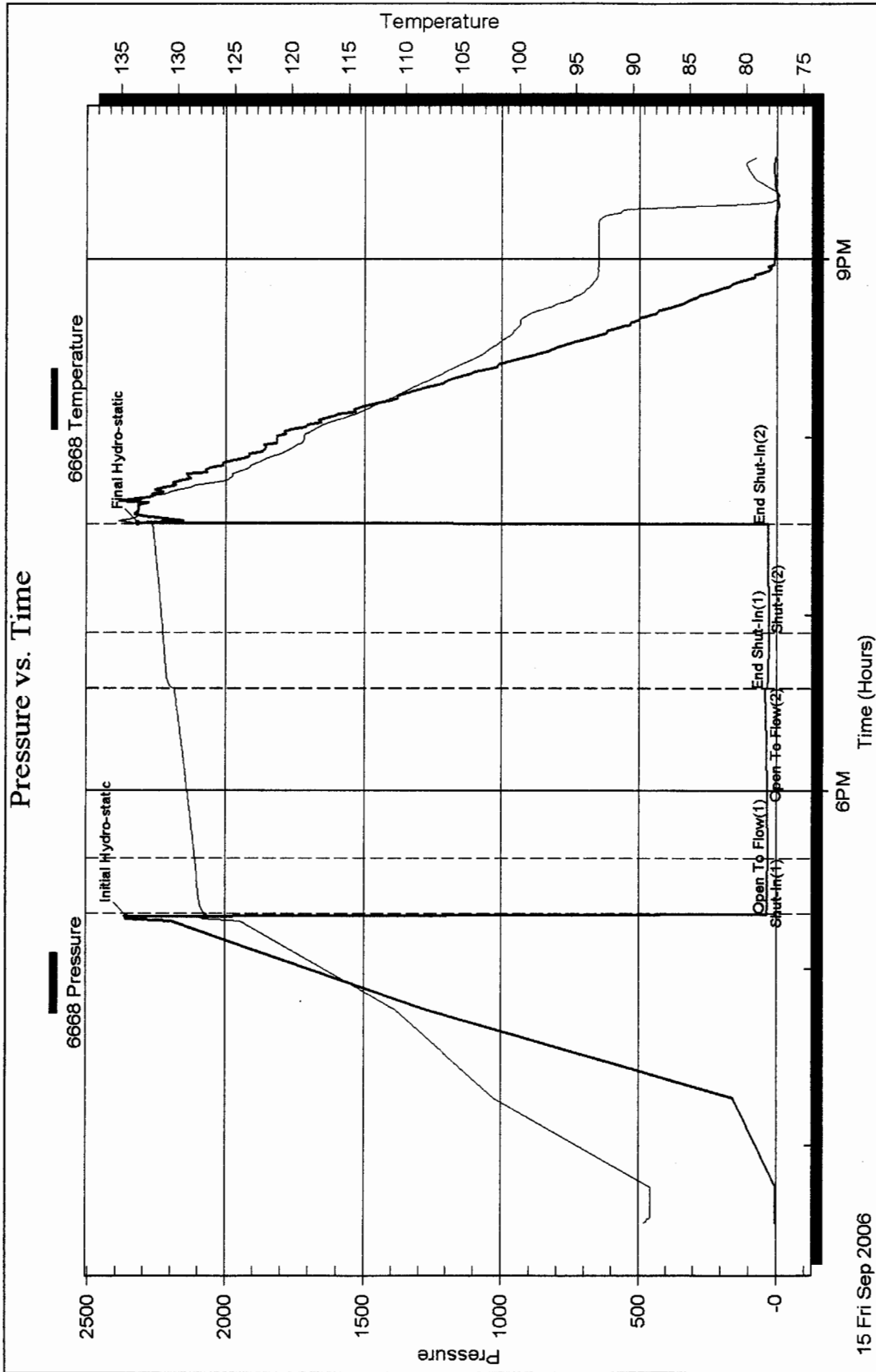
Serial #: 6668

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29 32S7W Harper KS

DST Test Number: 3



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