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ORIGINAL

DEC 15 2003

KCC WICHITA

API# 15-185-23203-00-00



TRILOBITE
TESTING, INC.

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DEC 15 2003

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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
Garden City Ks 67846

ATTN: Cecil O'Brate

7-22-12-Stafford-Ks W

Crawford A-2

Start Date: 2003.10.26 @ 03:15:17

End Date: 2003.10.26 @ 10:12:17

Job Ticket #: 18895 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior Inc

Crawford A-2

7-22-12-Stafford-Ks

DST # 1

"C"

LKC

2003.10.26

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	American Warrior Inc	Crawford A-2
	P O Box 399 Garden City Ks 67846	7-22-12-Stafford-Ks
	ATTN: Cecil O'Brate	Job Ticket: 18895 DST#: 1 Test Start: 2003.10.26 @ 03:15:17

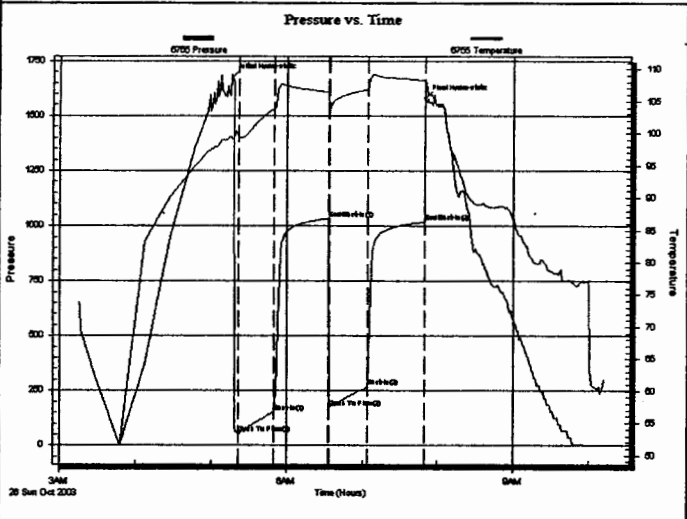
GENERAL INFORMATION:

Formation: "C" LKC		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole
Time Tool Opened: 05:21:47		Tester: Dan Bangle
Time Test Ended: 10:12:17		Unit No: 21
Interval: 3325.00 ft (KB) To 3352.00 ft (KB) (TVD)		Reference Elevations: 1888.00 ft (KB)
Total Depth: 3352.00 ft (KB) (TVD)		1880.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft

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Serial #: 6755 Inside Press@RunDepth: 267.11 psig @ 3326.00 ft (KB) Start Date: 2003.10.26 End Date: 2003.10.26 Start Time: 03:15:18 End Time: 10:12:17	Capacity: 7000.00 psig Last Calib.: 2003.10.26 Time On Btm: 2003.10.26 @ 05:16:47 Time Off Btm: 2003.10.26 @ 07:49:47
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TEST COMMENT: IF-Strong BOB in 30 sec-GTS in 10 min TSTM
 FF-Strong BOB in 1 min
 Times-30-45-30-45



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.54	99.23	Initial Hydro-static
5	54.25	99.49	Open To Flow (1)
33	153.19	103.83	Shut-in(1)
76	1031.82	106.45	End Shut-in(1)
77	173.60	103.70	Open To Flow (2)
107	267.11	106.87	Shut-in(2)
153	1018.13	108.23	End Shut-in(2)
153	1580.00	108.45	Final Hydro-static

Length (ft)	Description	Volume (bbl)
310.00	MGSyO 30%g 50%o 20%r	4.35
1302.00	CGSyO 40%g 60%o	18.26
0.00	GTS TSTM	0.00

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Crawford A-2

P O Box 399
Garden City Ks 67846

7-22-12-Stafford-Ks

Job Ticket: 18895

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2003.10.26 @ 03:15:17

Tool Information

Drill Pipe:	Length: 3317.00 ft	Diameter: 3.80 inches	Volume: 46.53 bbl	Tool Weight: 1200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 46.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3325.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3305.00	
Shut In Tool	5.00			3310.00	
Hydraulic tool	5.00			3315.00	
Packer	5.00			3320.00	21.00 Bottom Of Top Packer
Packer	5.00			3325.00	
Stubb	1.00			3326.00	
Recorder	0.00	6755	Inside	3326.00	
Perforations	23.00			3349.00	
Recorder	0.00	13254	Outside	3349.00	
Bullnose	3.00			3352.00	27.00 Bottom Packers & Anchor
Total Tool Length:	48.00				

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	American Warrior Inc P O Box 399 Garden City Ks 67846 ATTN: Cecil O'Brate	Crawford A-2 7-22-12-Stafford-Ks Job Ticket: 18895 DST#: 1 Test Start: 2003.10.26 @ 03:15:17	

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.77 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	MCGsyO 30%g 50%o 20%m	4.348
1302.00	CGsyO 40%g 60%o	18.264
0.00	GTS TSTM	0.000

Total Length: 1612.00 ft Total Volume: 22.612 bbl

 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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Serial #: 6755

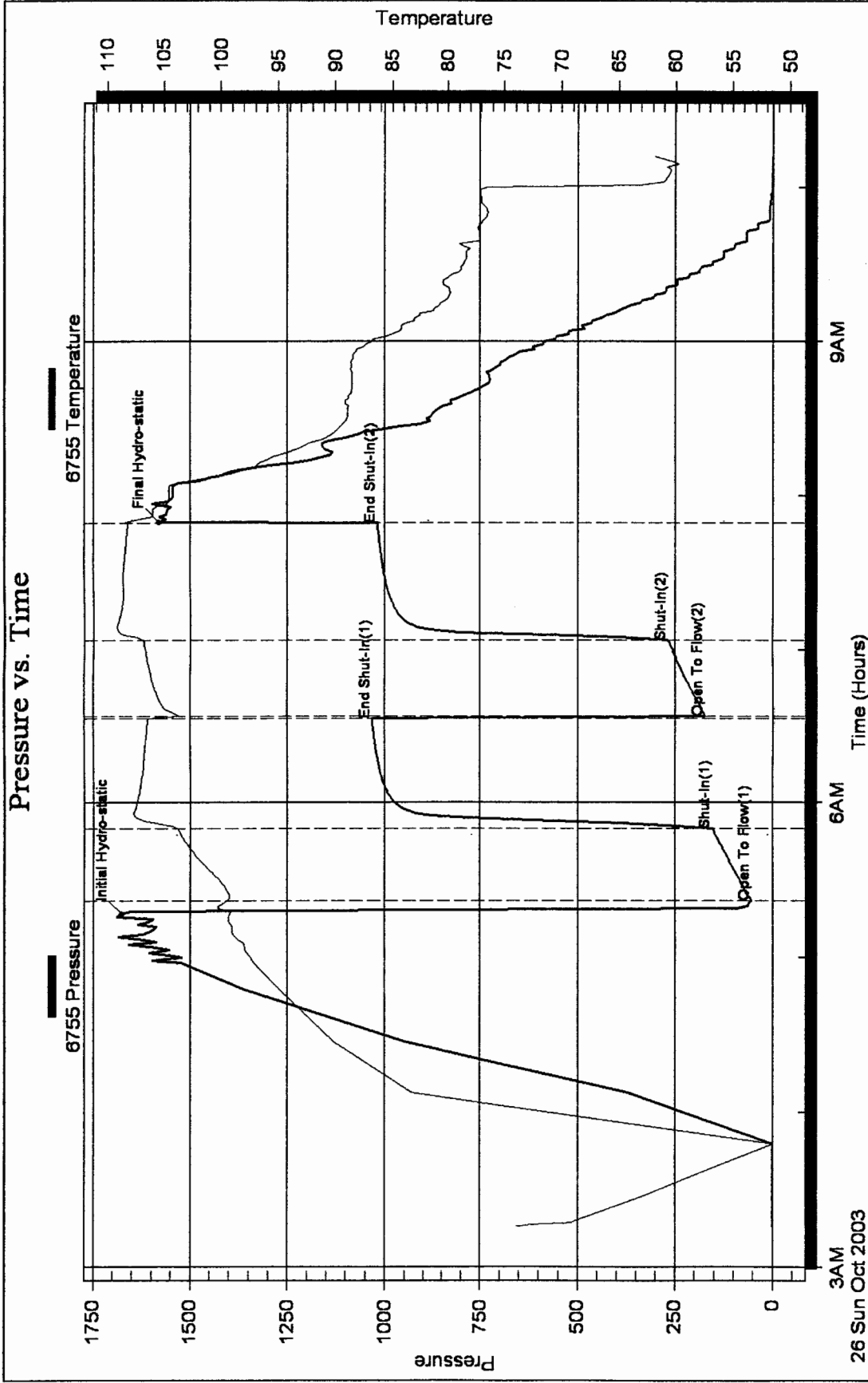
Inside

American Warrior Inc

7-22-12-Stafford-Ks

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 18895

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
Garden City Ks 67846

ATTN: Cecil O'Brate

7-22-12-Stafford-Ks

Crawford A-2

Start Date: 2003.10.26 @ 23:15:44

End Date: 2003.10.27 @ 07:15:44

Job Ticket #: 18896 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc

 P O Box 399
Garden City Ks 67846

ATTN: Cecil O'Brate

Crawford A-2
7-22-12-Stafford-Ks

Job Ticket: 18896

DST#: 2

Test Start: 2003.10.26 @ 23:15:44

GENERAL INFORMATION:

 Formation: **HH-J LK**

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

Time Tool Opened: 01:19:44

Time Test Ended: 07:15:44

 Interval: **3434.00 ft (KB) To 3495.00 ft (KB) (TVD)**

 Total Depth: **3495.00 ft (KB) (TVD)**

 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

 Test Type: **Conventional Bottom Hole**

 Tester: **Dan Bangle**

 Unit No: **21**

 Reference Elevations: **1888.00 ft (KB)**
1880.00 ft (CF)

 KB to GR/CF: **8.00 ft**

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Serial #: 6755
Inside

 Press@RunDepth: **913.71 psig @ 3437.00 ft (KB)**

 Start Date: **2003.10.26**

End Date:

2003.10.27

 Start Time: **23:15:45**

End Time:

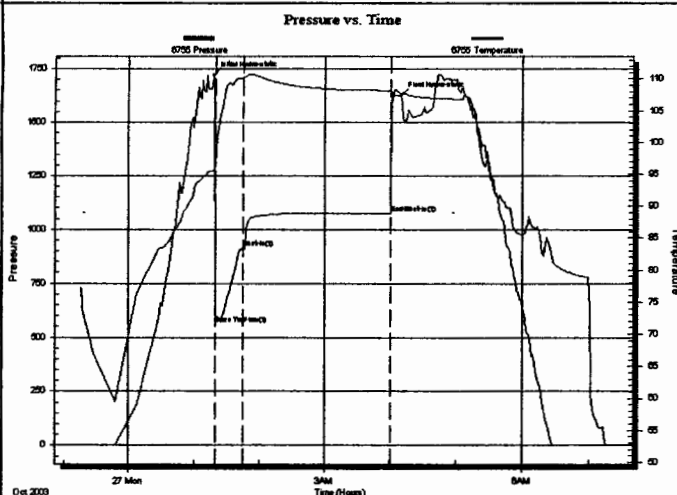
07:15:44

 Capacity: **7000.00 psig**

 Last Calib.: **2003.10.27**

 Time On Btm: **2003.10.27 @ 01:17:44**

 Time Off Btm: **2003.10.27 @ 04:09:44**

 TEST COMMENT: **IF-Strong BOB in 30 sec-GTS in 7 min-Oil to surface in 20 min
Times-25--145**


PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1721.15	95.67	Initial Hydro-static
2	563.19	96.43	Open To Flow (1)
28	913.71	110.25	Shut-In(1)
163	1075.69	108.21	End Shut-In(1)
172	1623.50	107.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3439.00	Gassy oil	48.24

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Crawford A-2

P O Box 399
Garden City Ks 67846

7-22-12-Stafford-Ks

Job Ticket: 18896

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2003.10.26 @ 23:15:44

Tool Information

Drill Pipe:	Length: 3439.00 ft	Diameter: 3.80 inches	Volume: 48.24 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 48.24 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3434.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3414.00	
Shut In Tool	5.00			3419.00	
Hydraulic tool	5.00			3424.00	
Packer	5.00			3429.00	21.00 Bottom Of Top Packer
Packer	5.00			3434.00	
Stubb	1.00			3435.00	
Perforations	1.00			3436.00	
Change Over Sub	1.00			3437.00	
Recorder	0.00	6755	Inside	3437.00	
Blank Spacing	31.00			3468.00	
Change Over Sub	1.00			3469.00	
Recorder	0.00	13254	Outside	3469.00	
Perforations	23.00			3492.00	
Bullnose	3.00			3495.00	61.00 Bottom Packers & Anchor

Total Tool Length: 82.00

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	American Warrior Inc		Crawford A-2
	P O Box 399 Garden City Ks 67846		7-22-12-Stafford-Ks
	ATTN: Cecil O'Brate		Job Ticket: 18896 DST#: 2 Test Start: 2003.10.26 @ 23:15:44

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 13.58 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6800.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3439.00	Gassy oil	48.240

Total Length: 3439.00 ft	Total Volume: 48.240 bbl	
Num Fluid Samples: 0	Num Gas Bombs: 0	Serial #:
Laboratory Name:	Laboratory Location:	
Recovery Comments:		

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KCC WICHITA

DST Test Number: 2

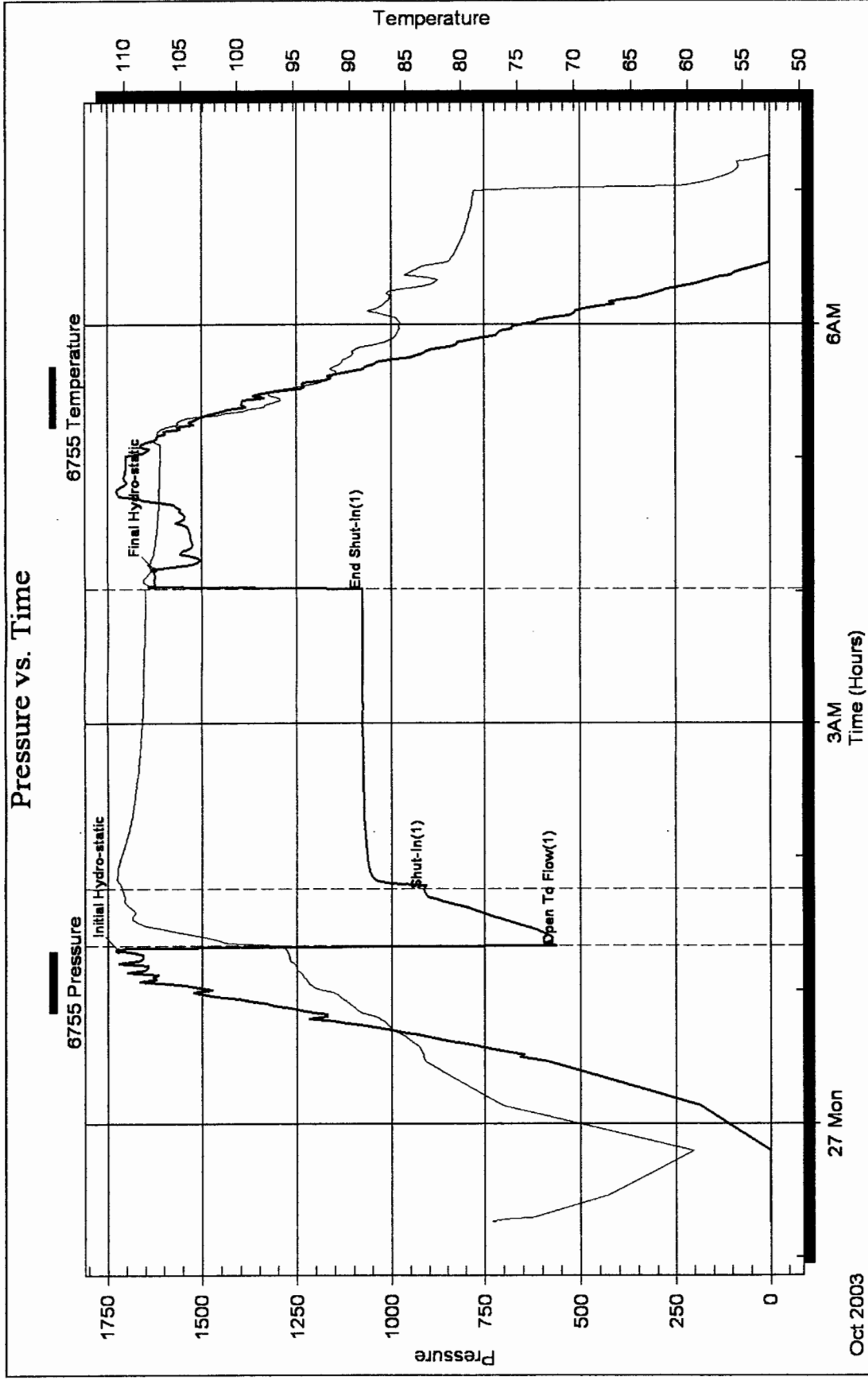
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American Warrior Inc

Inside

Serial #: 6755

Pressure vs. Time



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