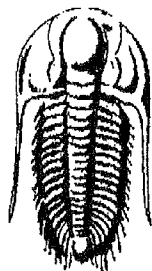


15-009-24925

26-20s-13w

KGS ✓

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CONFIDENTIAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City KS 67846

ATTN: Ron Nelson

26 20s 13w Barton KS

Engleman 1-26

Start Date: 2006.04.09 @ 03:00:15

End Date: 2006.04.09 @ 10:21:00

Job Ticket #: 24748

DST #: 1

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KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior

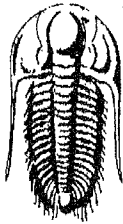
Engleman 1-26

26 20s 13w Barton KS

DST # 1

LKc B-E

2006.04.09



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City KS 67846

ATTN: Ron Nelson

Engleman 1-26

26 20s 13w Barton KS

Job Ticket: 24748

DST#: 1

Test Start: 2006.04.09 @ 03:00:15

GENERAL INFORMATION:

Formation: **LKc B-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:19:15

Time Test Ended: 10:21:00

Test Type: Conventional Bottom Hole

Tester: Joe

Unit No: 22

Interval: 3237.00 ft (KB) To 3302.00 ft (KB) (TVD)

Total Depth: 3302.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1902.00 ft (KB)

1897.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 71.05 psig @ 3243.00 ft (KB)

Start Date: 2006.04.09

End Date:

2006.04.09

Capacity: 7000.00 psig

Last Calib.: 2006.04.09

Start Time: 03:00:17

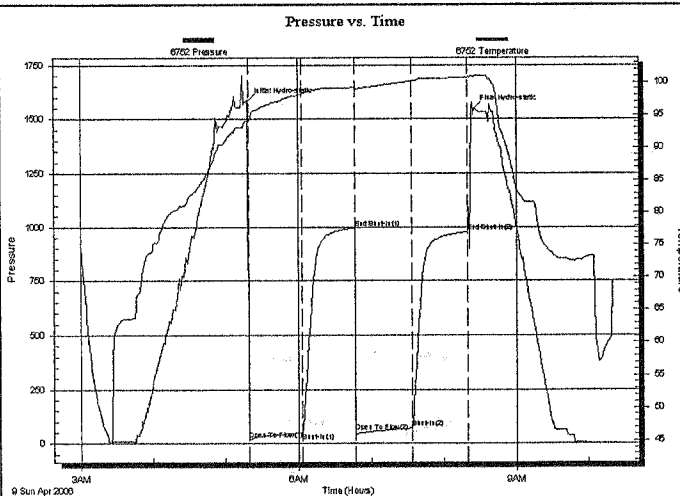
End Time:

10:21:00

Time On Btm: 2006.04.09 @ 05:19:00

Time Off Btm: 2006.04.09 @ 08:25:30

TEST COMMENT: IF Strong Blow Off BOB in 4 min
ISI Weak Surf Blow back died after 5 min
FF Strong Blow Off BOB in less than 30 sec
FSI Weak Surf Blow back Died after 5 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.57	94.15	Initial Hydro-static
1	18.74	93.92	Open To Flow (1)
45	50.45	98.23	Shut-In(1)
88	992.39	99.16	End Shut-In(1)
88	52.33	98.98	Open To Flow(2)
136	71.05	100.14	Shut-In(2)
181	976.42	100.71	End Shut-In(2)
187	1544.97	100.83	Final Hydro-static

Recovery

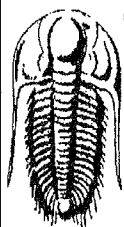
Length (ft)	Description	Volume (bbl)
157.00	GOCMW 10%G 20%O 20%M 50%W	1.36
0.00	3087GIP 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	3.00	27.60

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

CONFIDENTIAL
TOOL DIAGRAM

American Warrior

Engleman 1-26

 PO Box 399
 Garden City KS 67846

26 20s 13w Barton KS

Job Ticket: 24748

DST#: 1

ATTN: Ron Nelson

Test Start: 2006.04.09 @ 03:00:15

Tool Information

Drill Pipe:	Length: 3130.00 ft	Diameter: 3.80 inches	Volume: 43.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 44.37 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3237.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	85.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

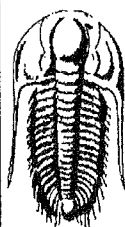
Tool Comments:

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00		3222.00	
Hydraulic tool	5.00		3227.00	
Packer	5.00		3232.00	20.00 Bottom Of Top Packer
Packer	5.00		3237.00	
Stubb	1.00		3238.00	
Perforations	4.00		3242.00	
Change Over Sub	1.00		3243.00	
Recorder	0.00	6752 Inside	3243.00	
Drill Pipe	31.00		3274.00	
Change Over Sub	1.00		3275.00	
Perforations	24.00		3299.00	
Recorder	0.00	11020 Inside	3299.00	
Bullnose	3.00		3302.00	65.00 Bottom Packers & Anchor

Total Tool Length: 85.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Engleman 1-26

PO Box 399
Garden City KS 67846

26 20s 13w Barton KS

ATTN: Ron Nelson

Job Ticket: 24748

DST#: 1

Test Start: 2006.04.09 @ 03:00:15

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:

60000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
157.00	GOCMW 10%G 20%O 20%M 50%W	1.355
0.00	3087GIP 100%G	0.000

Total Length: 157.00 ft

Total Volume: 1.355 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

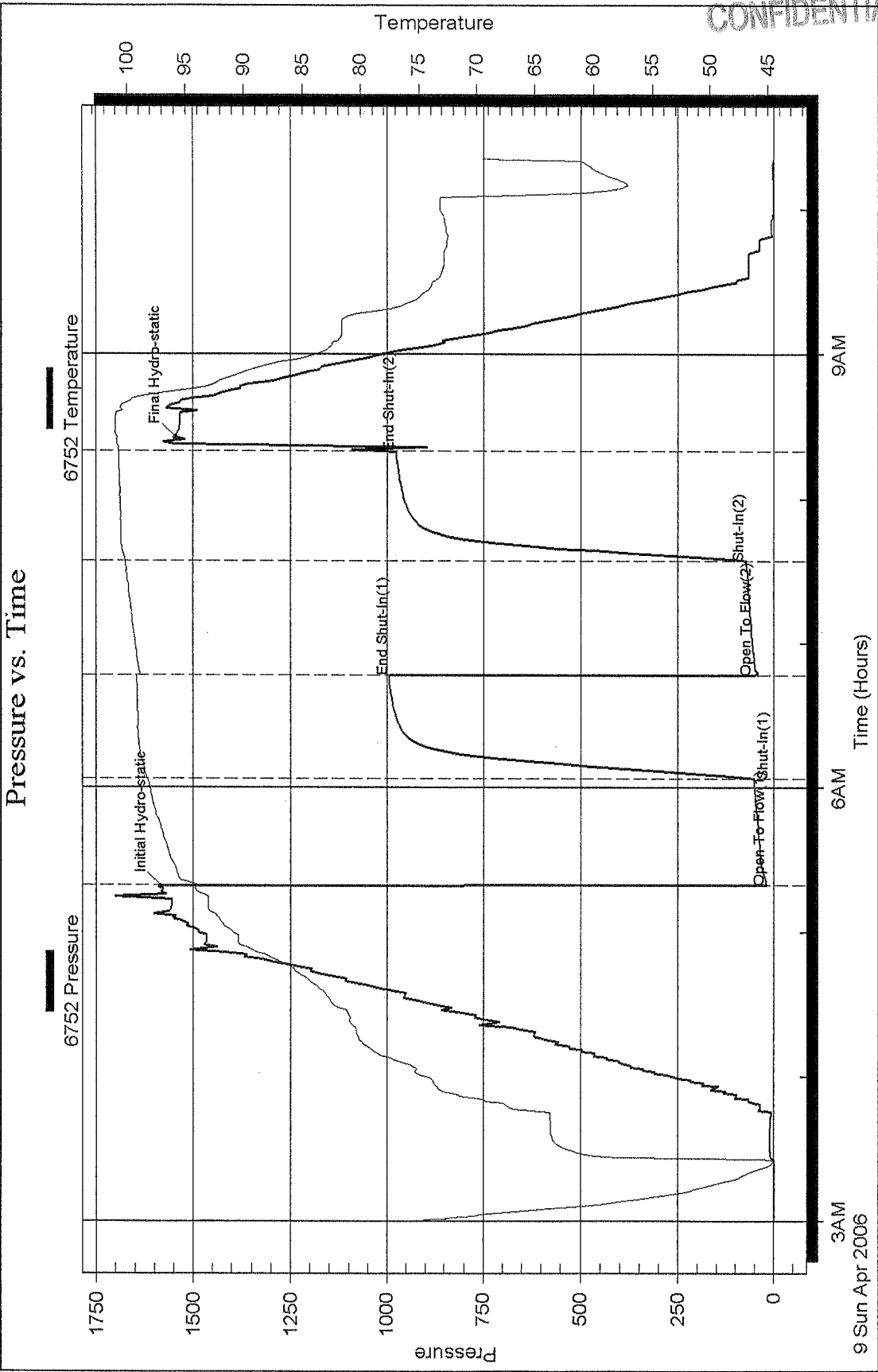
26 20s 13w Barton KS

American Warrior

Inside

Serial #: 6752

Pressure vs. Time

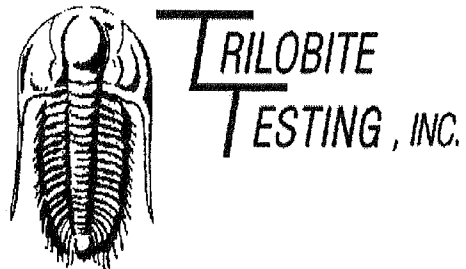


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DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City KS 67846

ATTN: Ron Nelson

26 20s 13w Barton KS

Engleman 1-26

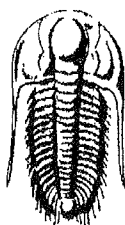
Start Date: 2006.04.09 @ 21:03:35

End Date: 2006.04.10 @ 04:32:50

Job Ticket #: 24749 DST #: 2

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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

PO Box 399
Garden City KS 67846

ATTN: Ron Nelson

Engleman 1-26

26 20s 13w Barton KS

Job Ticket: 24749

DST#: 2

Test Start: 2006.04.09 @ 21:03:35

GENERAL INFORMATION:

Formation: **L Kc HIJ**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:50

Time Test Ended: 04:32:50

Test Type: Conventional Bottom Hole

Tester: Joe

Unit No: 22

Interval: **3377.00 ft (KB) To 3429.00 ft (KB) (TVD)**

Total Depth: 3429.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1902.00 ft (KB)

1897.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 340.77 psig @ 3383.00 ft (KB)

Start Date: 2006.04.09

End Date:

2006.04.10

Start Time: 21:03:37

End Time:

04:32:50

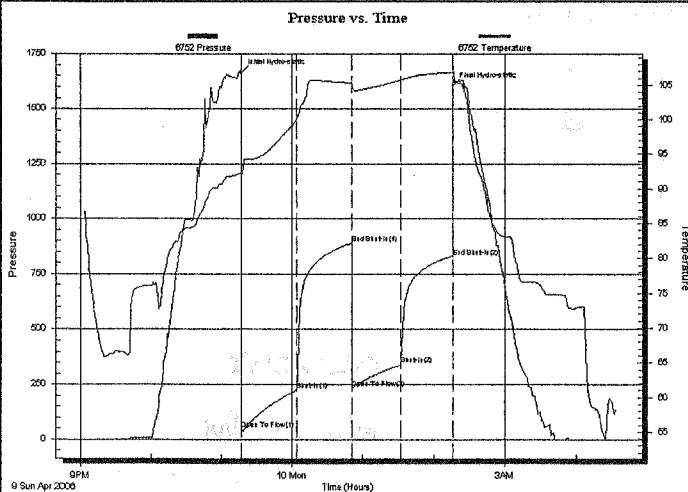
Capacity: 7000.00 psig

Last Calib.: 2006.04.10

Time On Btm: 2006.04.09 @ 23:17:35

Time Off Btm: 2006.04.10 @ 02:16:20

TEST COMMENT: IF Strong Blow off BOB in 4 min
ISI Weak Surf Blow Died after 13 min
FF Fair Blow Blew off BOB in 20 min
FSI Weak Surf Blow back died in 8 min



PRESSURE SUMMARY

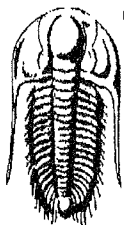
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.71	92.19	Initial Hydro-static
1	46.43	91.73	Open To Flow (1)
47	226.28	100.05	Shut-In (1)
94	889.88	105.27	End Shut-In (1)
94	233.88	104.88	Open To Flow (2)
136	340.77	105.69	Shut-In (2)
179	827.73	106.82	End Shut-In (2)
179	1605.48	106.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	DM	0.43
346.00	MW 8%M 92%W	4.85
189.00	OSPKDMW 1%O 14%M 85%W	2.65
113.00	OSPKDWM 1%O 39%W 60%W	1.59

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

Engleman 1-26

PO Box 399.
Garden City KS 67846

26 20s 13w Barton KS

Job Ticket: 24749

DST#: 2

ATTN: Ron Nelson

Test Start: 2006.04.09 @ 21:03:35

Tool Information

Drill Pipe:	Length: 3383.00 ft	Diameter: 3.80 inches	Volume: 47.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 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: 50000.00 lb
			Total Volume: 47.45 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3377.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 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
Shut In Tool	5.00			3362.00	
Hydraulic tool	5.00			3367.00	
Packer	5.00			3372.00	20.00 Bottom Of Top Packer
Packer	5.00			3377.00	
Stubb	1.00			3378.00	
Perforations	4.00			3382.00	
Change Over Sub	1.00			3383.00	
Recorder	0.00	6752	Inside	3383.00	
Drill Pipe	31.00			3414.00	
Change Over Sub	1.00			3415.00	
Perforations	11.00			3426.00	
Recorder	0.00	11020	Inside	3426.00	
Bullnose	3.00			3429.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Engleman 1-26

PO Box 399
Garden City KS 67846

26 20s 13w Barton KS

ATTN: Ron Nelson

Job Ticket: 24749

DST#: 2

Test Start: 2006.04.09 @ 21:03:35

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:

96000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	DM	0.435
346.00	MW 8%M 92%W	4.853
189.00	OSPKDMW 1%O 14%M 85%W	2.651
113.00	OSPKDWM 1%O 39%W 60%W	1.585

Total Length: 679.00 ft

Total Volume: 9.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

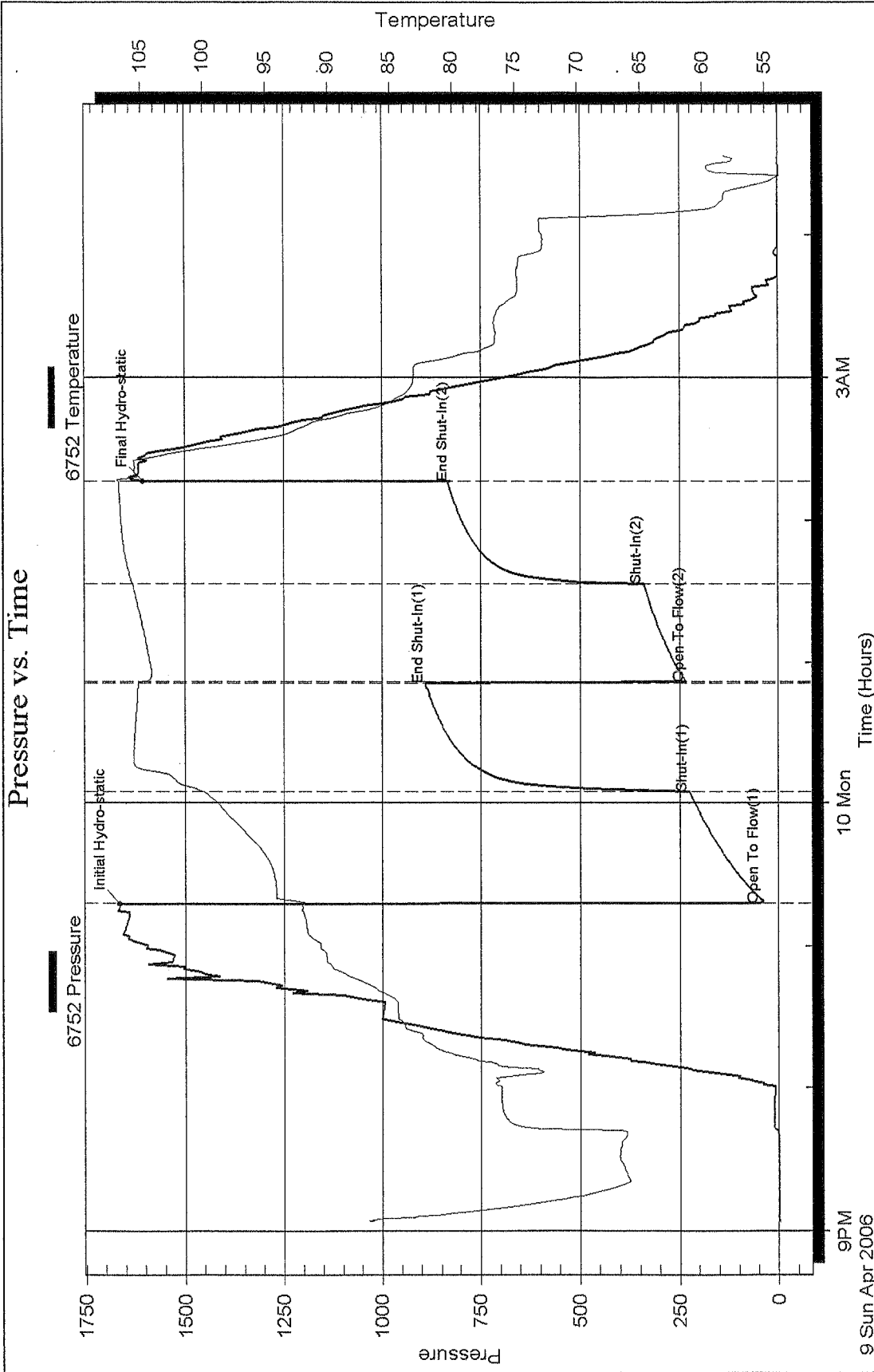
Serial #: 6752

Inside

American Warrior

26 20s 13w Barton KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 24749

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Printed: 2006.04.12 @ 13:58:44 Page 5