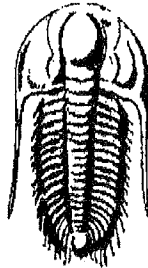


15-009-24909

30-20s-12w

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Steve Murphy

30-20s-12w Barton KS

Welch #4-30

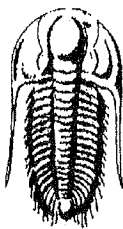
Start Date: 2006.03.20 @ 18:51:57

End Date: 2006.03.21 @ 01:04:57

Job Ticket #: 24365 DST #: 1

RECEIVED
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KCC WICHITA

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.

PO Box 399
Garden City KS 67846

ATTN: Steve Murphy

Welch #4-30

30-20s-12w Barton KS

Job Ticket: 24365

DST#: 1

Test Start: 2006.03.20 @ 18:51:57

GENERAL INFORMATION:

Formation: **LKC**

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

Time Tool Opened: 21:03:27

Time Test Ended: 01:04:57

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3235.00 ft (KB) To 3315.00 ft (KB) (TVD)**

Total Depth: **3315.00 ft (KB) (TVD)**

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

Reference Elevations: **1855.00 ft (KB)**

1847.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771

Inside

Press@RunDepth: **75.02 psig @ 3236.00 ft (KB)**

Start Date: **2006.03.20**

End Date:

2006.03.21

Capacity: **7000.00 psig**

Last Calib.: **2006.03.21**

Start Time: **18:52:02**

End Time:

01:04:56

Time On Btm: **2006.03.20 @ 21:03:12**

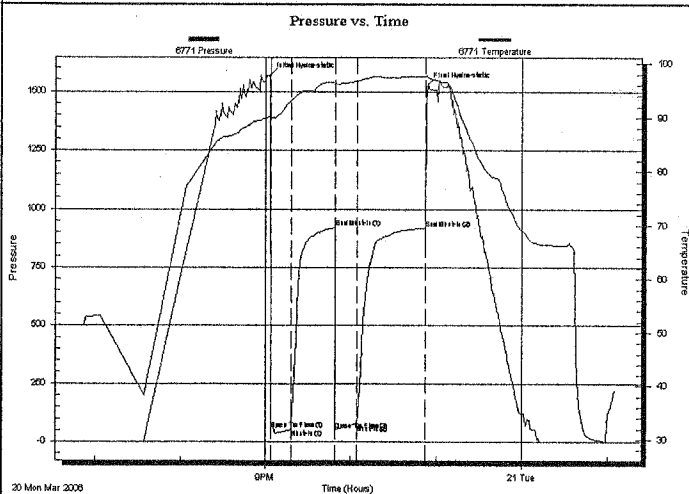
Time Off Btm: **2006.03.20 @ 22:52:57**

TEST COMMENT: IF: Strong blow . B.O.B. in 3 1/2 mins.

IS: No blow .

FF: Strong blow . B.O.B. in 3 1/2 mins.

FS: Weak blow . 1/2".



PRESSURE SUMMARY

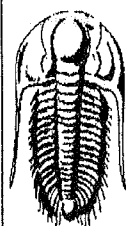
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1565.74	90.17	Initial Hydro-static
1	53.99	89.82	Open To Flow (1)
15	54.72	93.11	Shut-In(1)
46	920.06	96.52	End Shut-In(1)
47	50.47	96.30	Open To Flow (2)
61	75.02	96.72	Shut-In(2)
110	918.63	97.59	End Shut-In(2)
110	1522.19	97.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCWM 20%g 13%o 22%w 45%m	0.84
85.00	GOCM 24%g 16%o 60%m	1.19
0.00	435 ft. of GIP	0.00

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 Inc.

PO Box 399
Garden City KS 67846

ATTN: Steve Murphy

Welch #4-30

30-20s-12w Barton KS

Job Ticket: 24365

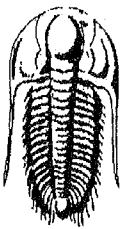
DST#: 1

Test Start: 2006.03.20 @ 18:51:57

Tool Information

Drill Pipe:	Length: 3223.00 ft	Diameter: 3.80 inches	Volume: 45.21 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: 55000.00 lb
			Total Volume: 45.21 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3235.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	107.00 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			3209.00	
Shut In Tool	5.00			3214.00	
Hydraulic tool	5.00			3219.00	
Jars	5.00			3224.00	
Safety Joint	2.00			3226.00	
Packer	4.00			3230.00	27.00 Bottom Of Top Packer
Packer	5.00			3235.00	
Stubb	1.00			3236.00	
Recorder	0.00	6771	Inside	3236.00	
Perforations	1.00			3237.00	
Change Over Sub	1.00			3238.00	
Blank Spacing	62.00			3300.00	
Change Over Sub	1.00			3301.00	
Perforations	9.00			3310.00	
Recorder	0.00	13222	Outside	3310.00	
Bullnose	5.00			3315.00	80.00 Bottom Packers & Anchor
Total Tool Length:	107.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Welch #4-30

PO Box 399
Garden City KS 67846

30-20s-12w Barton KS

Job Ticket: 24365

DST#: 1

ATTN: Steve Murphy

Test Start: 2006.03.20 @ 18:51:57

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:

5000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in*

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCMM 20%g 13%o 22%w 45%m	0.842
85.00	GOCM 24%g 16%o 60%m	1.192
0.00	435 ft. of GIP	0.000

Total Length: 145.00 ft

Total Volume: 2.034 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

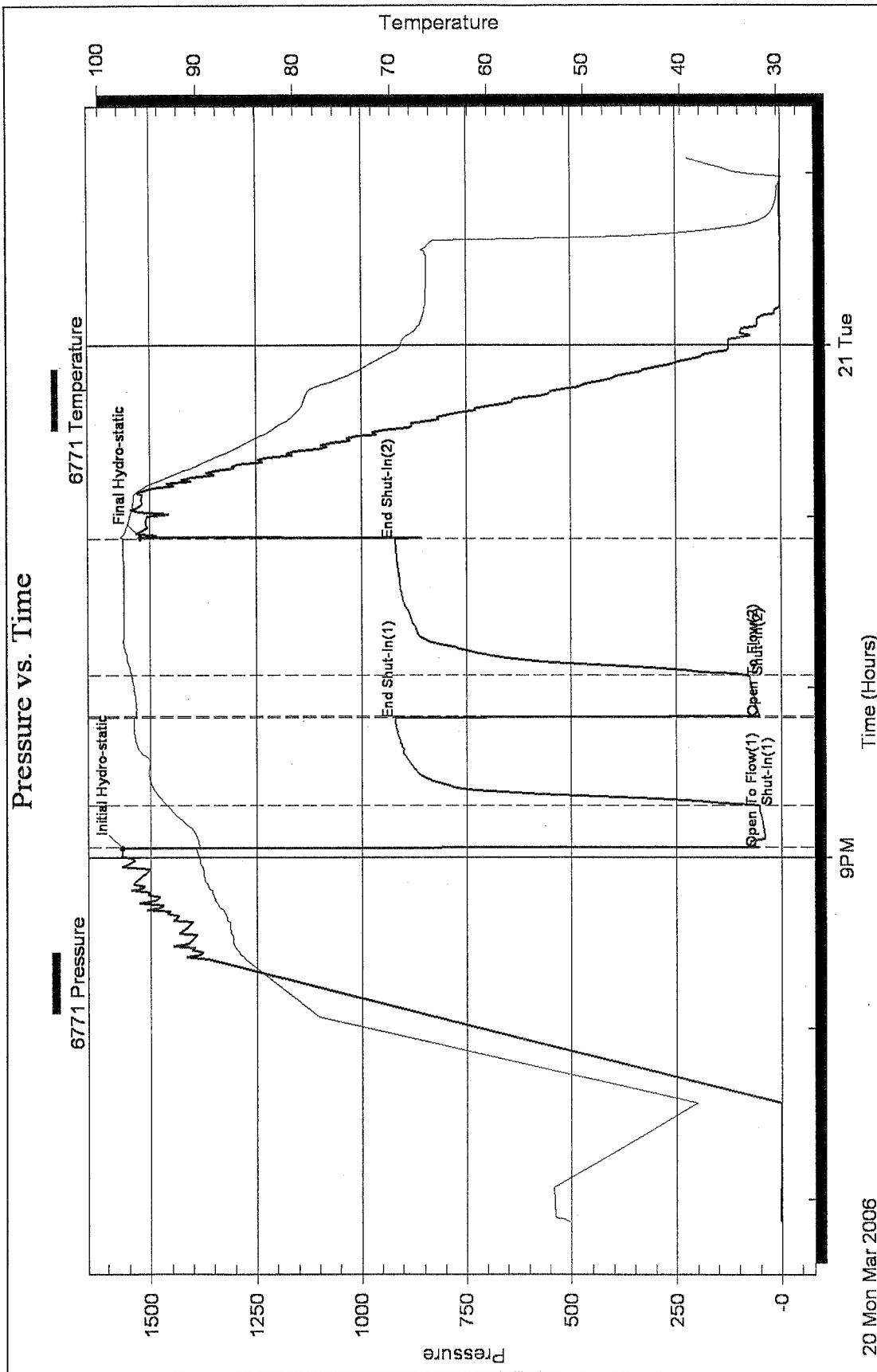
30-20s-12w Barton KS

American Warrior Inc.

Inside

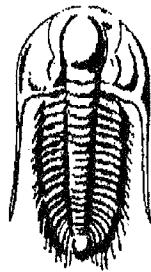
Serial #: 6771

Pressure vs. Time



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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Steve Murphy

30-20s-12w Barton KS

Welch #4-30

Start Date: 2006.03.21 @ 11:29:19

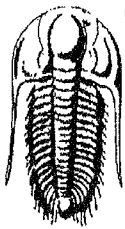
End Date: 2006.03.21 @ 17:49:04

Job Ticket #: 24366 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.

PO Box 399
Garden City KS 67846

ATTN: Steve Murphy

Welch #4-30

30-20s-12w Barton KS

Job Ticket: 24366

DST#: 2

Test Start: 2006.03.21 @ 11:29:19

GENERAL INFORMATION:

Formation: **LKC**

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

Time Tool Opened: 13:09:49

Time Test Ended: 17:49:04

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3340.00 ft (KB) To 3395.00 ft (KB) (TVD)**

Total Depth: **3395.00 ft (KB) (TVD)**

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

Reference Elevations: **1855.00 ft (KB)**

1847.00 ft (CF)

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

Serial #: 6771

Inside

Press@RunDepth: **38.31 psig @ 3341.00 ft (KB)**

Start Date: **2006.03.21**

End Date:

2006.03.21

Capacity: **7000.00 psig**

Last Calib.: **2006.03.21**

Start Time: **11:29:24**

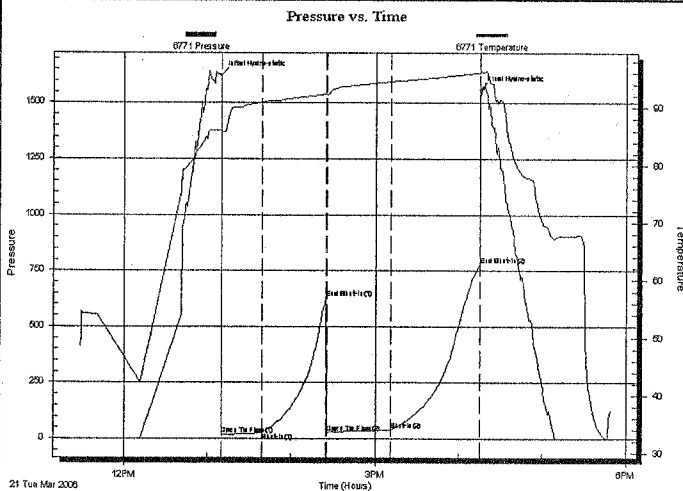
End Time:

17:49:03

Time On Btmr: **2006.03.21 @ 13:09:34**

Time Off Btmr: **2006.03.21 @ 16:15:48**

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 21 mins.
IS: Weak blow . 1/4" or less.
FF: Strong blow . B.O.B. in 10 - 15 secs.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.49	86.07	Initial Hydro-static
1	16.91	85.72	Open To Flow (1)
30	25.94	91.06	Shut-In(1)
76	627.27	92.36	End Shut-In(1)
76	25.37	92.22	Open To Flow (2)
121	38.31	94.54	Shut-In(2)
186	777.13	96.05	End Shut-In(2)
187	1559.67	96.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	GOCM 18%g 26%o 56%m	0.88
0.00	950 ft. of GIP	0.00

Gas Rates

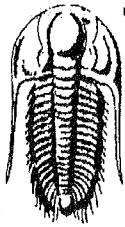
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

CONFIDENTIAL TOOL DIAGRAM


**TRILOBITE
TESTING, INC.**

American Warrior Inc.

Welch #4-30

 PO Box 399
 Garden City KS 67846

30-20s-12w Barton KS

Job Ticket: 24366

DST#: 2

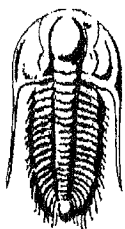
ATTN: Steve Murphy

Test Start: 2006.03.21 @ 11:29:19

Tool Information

Drill Pipe:	Length: 3318.00 ft	Diameter: 3.80 inches	Volume: 46.54 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: 51000.00 lb
		Total Volume: 46.54 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3340.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	82.00 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			3314.00	
Shut In Tool	5.00			3319.00	
Hydraulic tool	5.00			3324.00	
Jars	5.00			3329.00	
Safety Joint	2.00			3331.00	
Packer	4.00			3335.00	27.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	6771	Inside	3341.00	
Perforations	1.00			3342.00	
Change Over Sub	1.00			3343.00	
Blank Spacing	31.00			3374.00	
Change Over Sub	1.00			3375.00	
Perforations	15.00			3390.00	
Recorder	0.00	13222	Outside	3390.00	
Bullnose	5.00			3395.00	55.00 Bottom Packers & Anchor
Total Tool Length:		82.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

Welch #4-30

PO Box 399
Garden City KS 67846

30-20s-12w Barton KS

Job Ticket: 24366

DST#: 2

ATTN: Steve Murphy

Test Start: 2006.03.21 @ 11:29:19

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:

8000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	GOCM 18%g 26%o 56%m	0.884
0.00	950 ft.of GIP	0.000

Total Length: 63.00 ft

Total Volume: 0.884 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

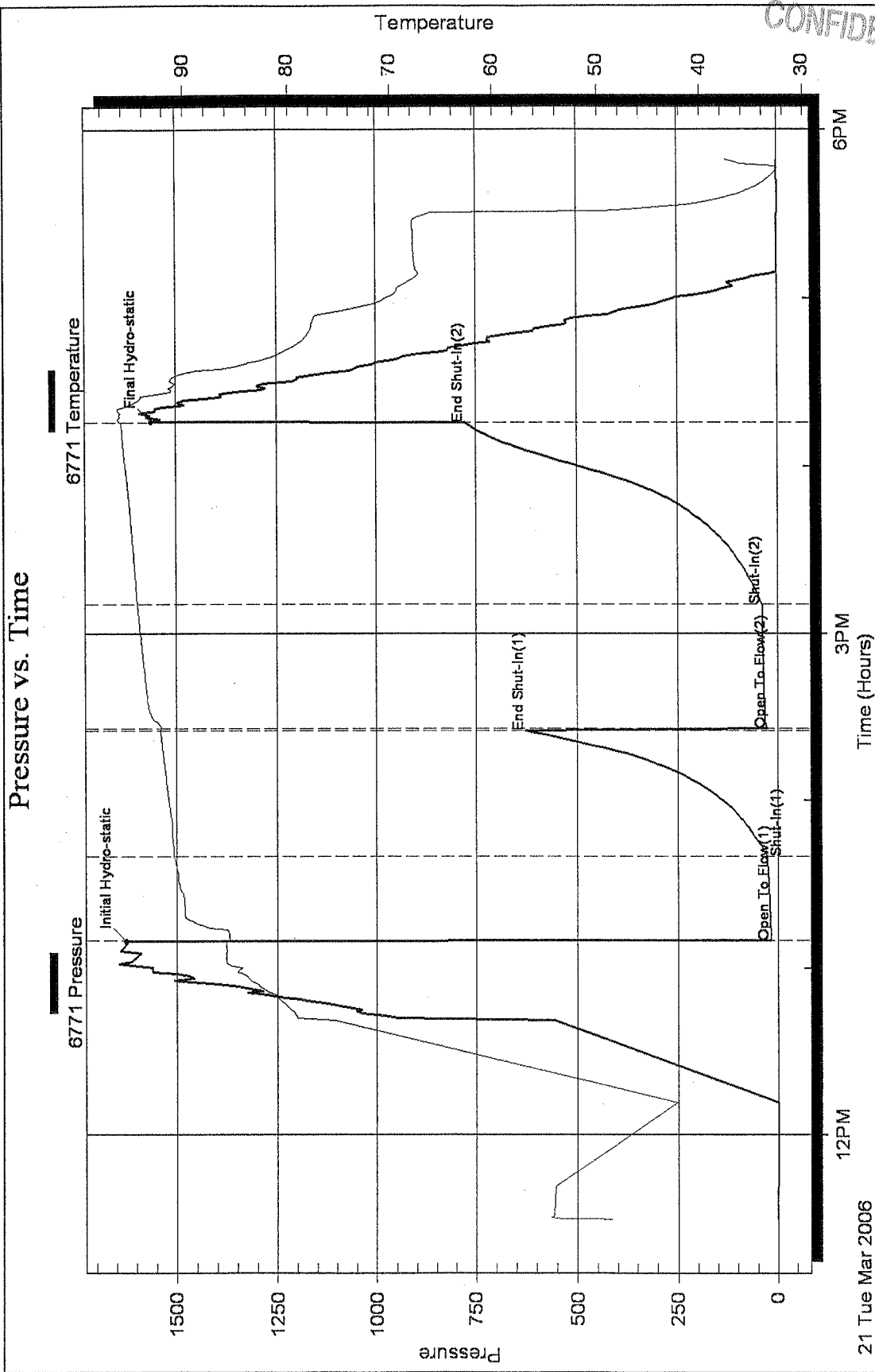
Inside

American Warrior Inc.

30-20s-12w Barton KS

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 24366

Printed: 2006.03.24 @ 12:15:58 Page 5

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