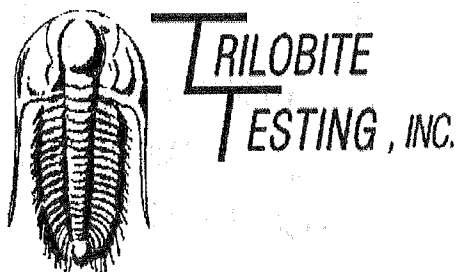


36-33s-20w



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O. Box 399
Garden City, KS 67846

ATTN: Al Downing

36-33s-20w

Girk Trust 1-36

Start Date: 2003.11.28 @ 17:26:04

End Date: 2003.11.29 @ 01:08:34

Job Ticket #: 17958 DST #: 1

15633 21382 0000

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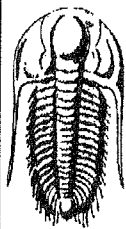
ORIGINAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

P.O. Box 399
Garden City, KS 67846

ATTN: Al Downing

Girk Trust 1-36

36-33s-20w

Job Ticket: 17958

DST#: 1

Test Start: 2003.11.28 @ 17:26:04

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:02:04

Time Test Ended: 01:08:34

Interval: **4754.00 ft (KB) To 4832.00 ft (KB) (TVD)**

Total Depth: 4832.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

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Test Type: Conventional Bottom Hole

Tester: Nick Budig

Unit No: 23

Reference Elevations: 1846.00 ft (KB)

1833.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6770

Inside

Press@RunDepth: 71.06 psig @ 4755.00 ft (KB)

Start Date: 2003.11.28

End Date:

2003.11.29

Start Time: 17:26:09

End Time:

01:08:33

Capacity: 7000.00 psig

Last Calib.: 2003.11.29

Time On Btm: 2003.11.28 @ 20:00:19

Time Off Btm: 2003.11.28 @ 22:38:49

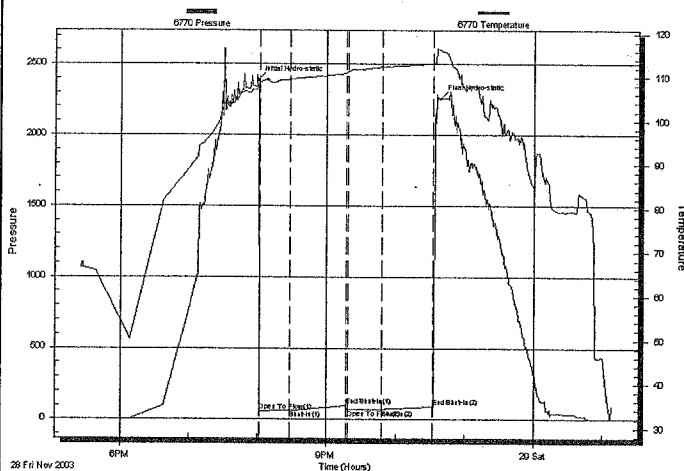
TEST COMMENT: IF-Weak Blow off top of water

IS-No Blow

FF-Weak Blow off top of water

FSI-No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2385.38	107.93	Initial Hydro-static
2	53.98	108.92	Open To Flow (1)
28	62.81	109.51	Shut-In (1)
77	96.80	110.87	End Shut-In (1)
79	68.35	111.31	Open To Flow (2)
108	71.06	112.38	Shut-In (2)
152	91.57	113.19	End Shut-In (2)
159	2255.29	116.19	Final Hydro-static

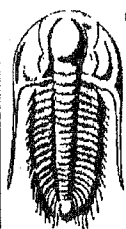
Recovery

Length (ft)	Description	Volume (bbl)

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
P.O. Box 399
Garden City, KS 67846
ATTN: Al Downing

Girk Trust 1-36
36-33s-20w
Job Ticket: 17958
DST#: 1
Test Start: 2003.11.28 @ 17:26:04

Tool Information

Drill Pipe:	Length: 4593.00 ft	Diameter: 3.80 inches	Volume: 64.43 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	65.34 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	52.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4754.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	105.00 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			4728.00	
Shut In Tool	5.00			4733.00	
Hydraulic tool	5.00			4738.00	
Jars	5.00			4743.00	
Safety Joint	2.00			4745.00	
Packer	4.00			4749.00	27.00 Bottom Of Top Packer
Packer	5.00			4754.00	
Stubb	1.00			4755.00	
Recorder	0.00	6770	Inside	4755.00	
Change Over Sub	1.00			4756.00	
Blank Spacing	62.00			4818.00	
Change Over Sub	1.00			4819.00	
Perforations	8.00			4827.00	
Recorder	0.00	13222	Outside	4827.00	
Bullnose	5.00			4832.00	78.00 Bottom Packers & Anchor

Total Tool Length: 105.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17958

DST#: 1

ATTN: Al Downing

Test Start: 2003.11.28 @ 17:26:04

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:

ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.34 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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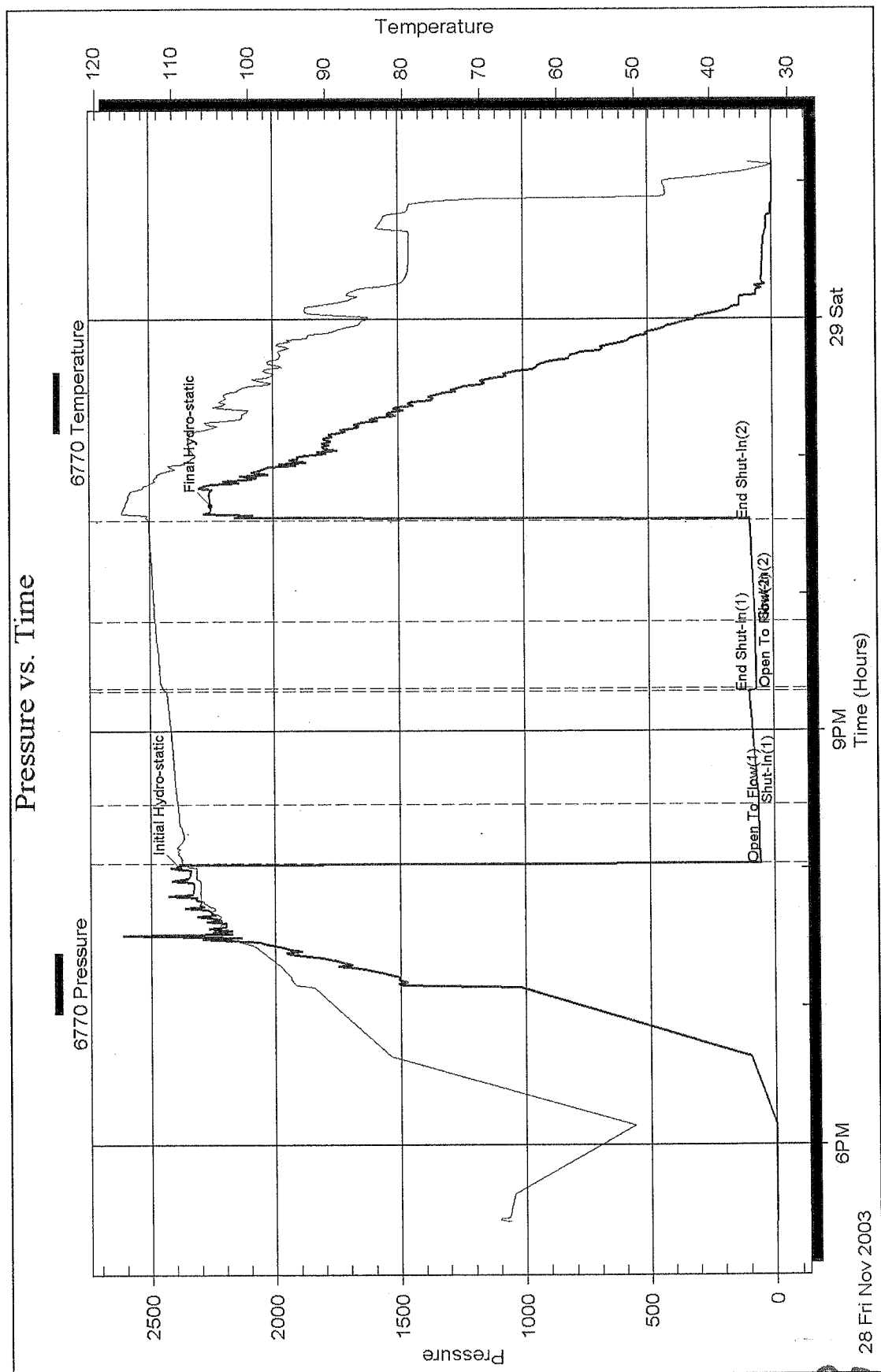
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DST Test Number: 1

36-33s-20w

Inside American Warrior Inc

Serial #: 6770



Ref. No: 17958

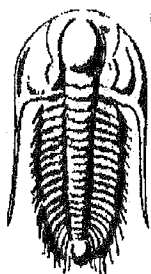
Trilobite Testing, Inc

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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: Al Downing

36-33s-20w

Girk Trust 1-36

Start Date: 2003.11.29 @ 18:54:16

End Date: 2003.11.30 @ 02:16:16

Job Ticket #: 17959

DST #: 2

15033213820000

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Trilobite Testing, Inc

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

Printed: 2003.12.16 @ 13:37:47 Page 1

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American Warrior Inc

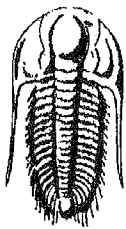
Girk Trust 1-36

36-33s-20w

DST # 2

Altamont

2003.11.29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

P.O. Box 399
Garden City, KS 67846

ATTN: Al Downing

Girk Trust 1-36

36-33s-20w

Job Ticket: 17959

DST#: 2

Test Start: 2003.11.29 @ 18:54:16

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:54:01

Time Test Ended: 02:16:16

Interval: **4956.00 ft (KB) To 4998.00 ft (KB) (TVD)**

Total Depth: 4998.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

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Test Type: Conventional Bottom Hole

Tester: Nick Budig

Unit No: 23

Reference Elevations: 1846.00 ft (KB)

1833.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6770

Inside

Press@RunDepth: 223.02 psig @ 4957.00 ft (KB)

Start Date: 2003.11.29

End Date:

2003.11.30

Start Time: 18:54:21

End Time:

02:16:15

Capacity: 7000.00 psig

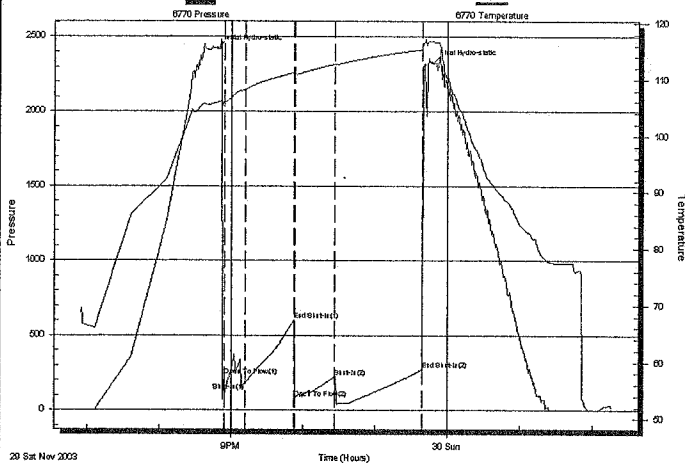
Last Calib.: 2003.11.30

Time On Btm: 2003.11.29 @ 20:48:16

Time Off Btm: 2003.11.29 @ 23:47:31

TEST COMMENT: IF- Weak Blow 1/2 inch in bucket
ISI- No Blow
FF- Off bottom of bucket in 6.5 min
FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2420.85	105.97	Initial Hydro-static
6	225.93	106.10	Open To Flow (1)
23	180.02	108.25	Shut-In(1)
64	600.97	111.25	End Shut-In(1)
65	78.06	111.07	Open To Flow (2)
99	223.02	112.72	Shut-In(2)
171	273.89	115.37	End Shut-In(2)
180	2323.42	116.76	Final Hydro-static

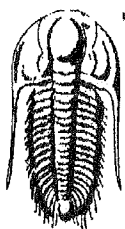
Recovery

Length (ft)	Description	Volume (bbl)
65.00	Gassy Drlg Mud	0.32

Gas Rates

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

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17959

DST#:2

ATTN: Al Downing

Test Start: 2003.11.29 @ 18:54:16

Tool Information

Drill Pipe:	Length: 4748.00 ft	Diameter: 3.80 inches	Volume: 66.60 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume: 67.51 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4956.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	69.00 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			4930.00	
Shut In Tool	5.00			4935.00	
Hydraulic tool	5.00			4940.00	
Jars	5.00			4945.00	
Safety Joint	2.00			4947.00	
Packer	4.00			4951.00	27.00 Bottom Of Top Packer
Packer	5.00			4956.00	
Stubb	1.00			4957.00	
Recorder	0.00	6770	Inside	4957.00	
Perforations	3.00			4960.00	
Change Over Sub	1.00			4961.00	
Blank Spacing	31.00			4992.00	
Change Over Sub	1.00			4993.00	
Recorder	0.00	13222	Outside	4993.00	
Bullnose	5.00			4998.00	42.00 Bottom Packers & Anchor

Total Tool Length: 69.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17959

DST#: 2

ATTN: Al Downing

Test Start: 2003.11.29 @ 18:54:16

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:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Gassy Drig Mud	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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DST Test Number: 2

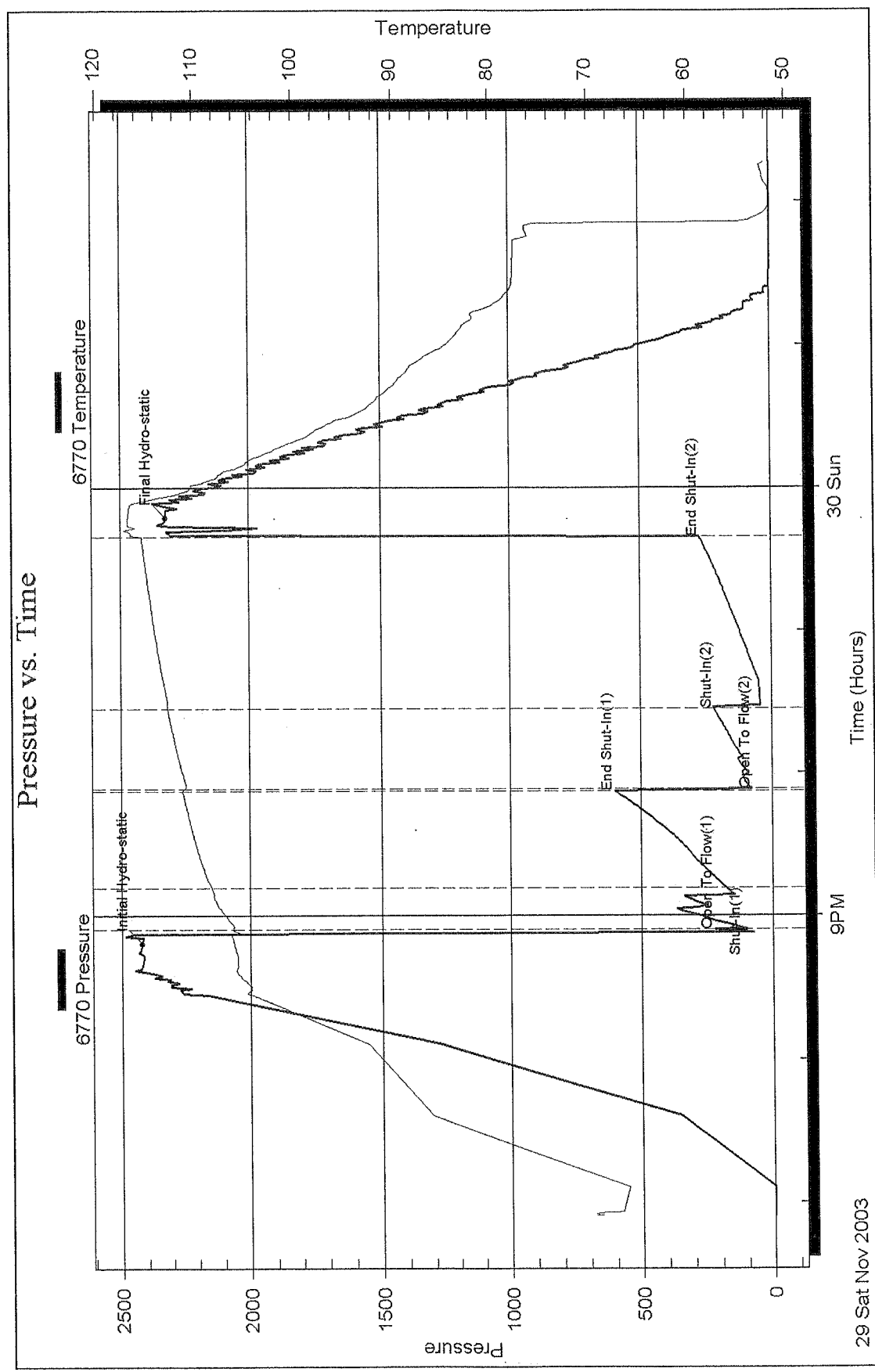
36-33s-20w

American Warrior Inc

Inside

Serial #: 6770

Pressure vs. Time



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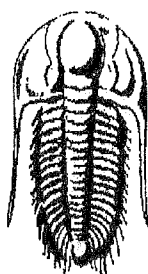
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Ref. No: 17959

Trilobite Testing, Inc

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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: Al Downing

36-33s-20w

Girk Trust 1-36

Start Date: 2003.11.30 @ 18:41:13

End Date: 2003.12.01 @ 03:02:13

Job Ticket #: 17960 DST #: 3

1503321382.0000

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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American Warrior Inc

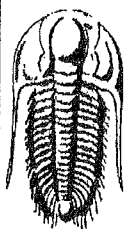
Girk Trust 1-36

36-33s-20w

DST # 3

Detrital Mississippi

2003.11.30



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Al Downing

Girk Trust 1-36

36-33s-20w

Job Ticket: 17960

DST#: 3

Test Start: 2003.11.30 @ 18:41:13

GENERAL INFORMATION:

Formation: **Detrital Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:51:58

Time Test Ended: 03:02:13

Interval: **5112.00 ft (KB) To 5187.00 ft (KB) (TVD)**

Total Depth: **5187.00 ft (KB) (TVD)**

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

Test Type: Conventional Bottom Hole

Tester: Nick Budig

Unit No: 23

Reference Elevations: 1846.00 ft (KB)

1833.00 ft (CF)

KB to GR/CF: 13.00 ft

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Serial #: 6770

Inside

Press@RunDepth: 48.86 psig @ 5118.00 ft (KB)

Start Date: 2003.11.30

End Date:

2003.12.01

Capacity:

7000.00 psig

Last Calib.:

2003.12.01

Start Time:

18:41:18

End Time:

03:02:12

Time On Btm:

2003.11.30 @ 20:48:58

Time Off Btm:

2003.12.01 @ 00:33:28

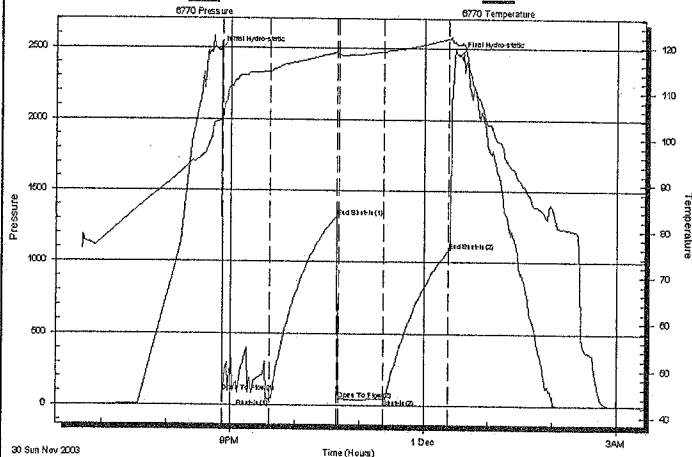
TEST COMMENT: IF- Strong Blow off bottom of bucket in 1 min, gas to surface in 42 min

ISI- No Blow

FF- Off bottom of bucket as soon as tool opened

FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2481.99	103.89	Initial Hydro-static
3	88.35	104.21	Open To Flow (1)
48	44.19	114.60	Shut-In (1)
110	1317.72	118.79	End Shut-In (1)
112	45.28	118.22	Open To Flow (2)
154	48.86	118.96	Shut-In (2)
215	1082.18	121.80	End Shut-In (2)
225	2450.78	120.53	Final Hydro-static

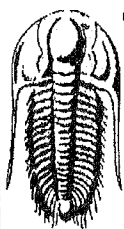
Recovery

Length (ft)	Description	Volume (bbl)
90.00	Gassy Watery Mud	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.00	7.63
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.13	6.00	7.63

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17960

DST#: 3

ATTN: Al Downing

Test Start: 2003.11.30 @ 18:41:13

Tool Information

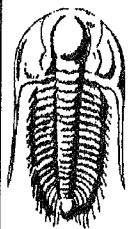
Drill Pipe:	Length: 4934.00 ft	Diameter: 3.80 inches	Volume: 69.21 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume: 70.12 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5112.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	102.00 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			5086.00	
Shut In Tool	5.00			5091.00	
Hydraulic tool	5.00			5096.00	
Jars	5.00			5101.00	
Safety Joint	2.00			5103.00	
Packer	4.00			5107.00	27.00 Bottom Of Top Packer
Packer	5.00			5112.00	
Stubb	1.00			5113.00	
Perforations	5.00			5118.00	
Recorder	0.00	6770	Inside	5118.00	
Change Over Sub	1.00			5119.00	
Blank Spacing	62.00			5181.00	
Change Over Sub	1.00			5182.00	
Recorder	0.00	13222	Outside	5182.00	
Bullnose	5.00			5187.00	75.00 Bottom Packers & Anchor

Total Tool Length: 102.00

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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17960

DST#: 3

ATTN: Al Downing

Test Start: 2003.11.30 @ 18:41:13

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 13.46 in³

Resistivity: ohm.m

Salinity: 8600.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Gassy Watery Mud	0.443

Total Length: 90.00 ft

Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

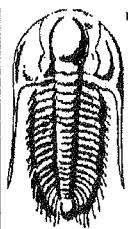
Laboratory Name:

Laboratory Location:

Recovery Comments:

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TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc

Girk Trust 1-36

P.O. Box 399
Garden City, KS 67846

36-33s-20w

Job Ticket: 17960

DST#: 3

ATTN: Al Downing

Test Start: 2003.11.30 @ 18:41:13

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)
2	10	0.13	6.00	7.63
2	20	0.13	2.00	6.14
2	30	0.13	4.00	6.89
2	40	0.13	5.00	7.26

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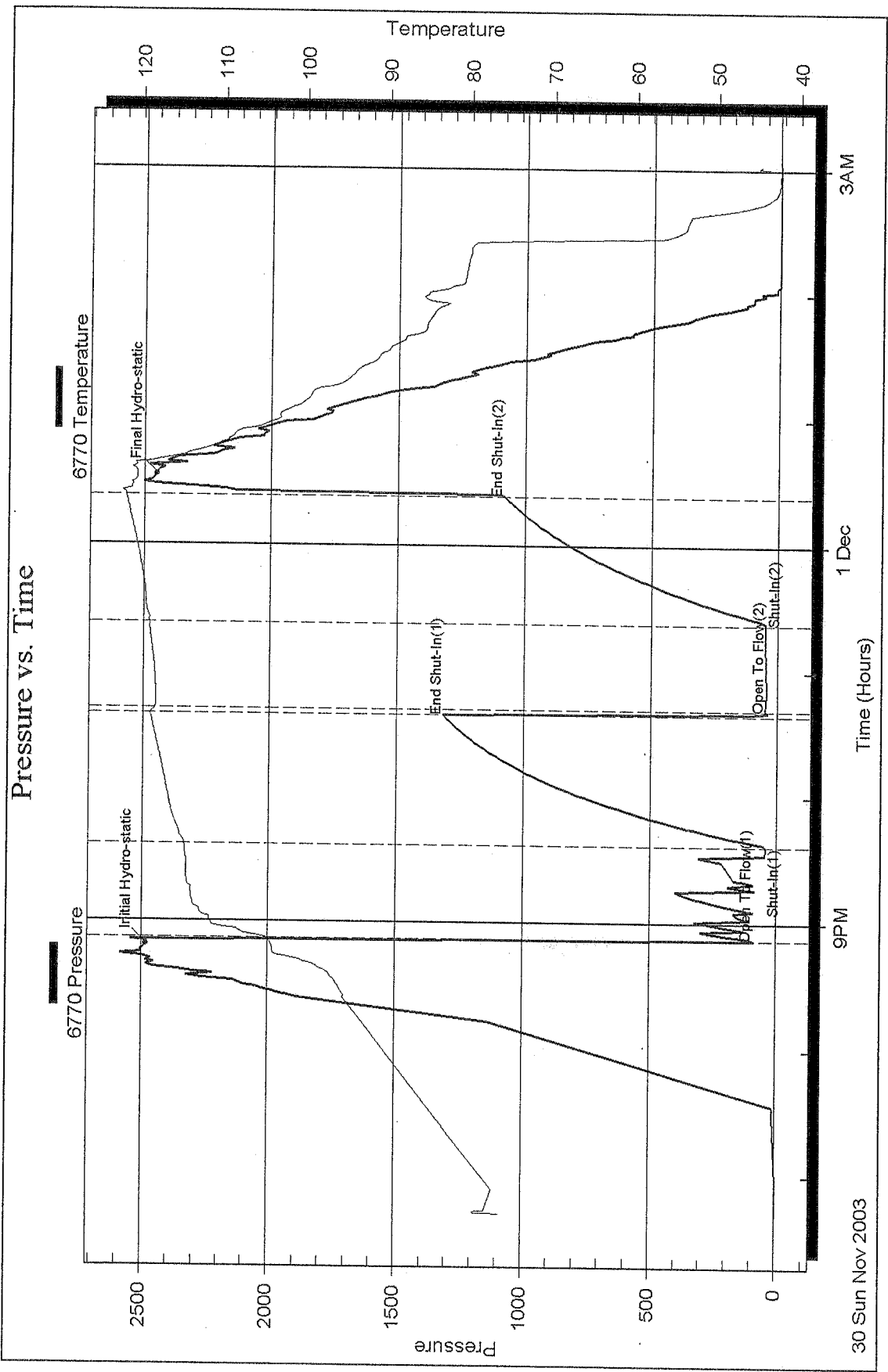
ORIGINAL

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234430

Serial #: 6770 Inside American Warrior Inc 36-33s-20w DST Test Number: 3

Pressure vs. Time



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