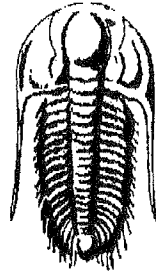


15-025-21405

19-30s-23w

KS ✓



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846-0399

ATTN: Jim

19 30 23 Clark KS

Esplund 4-19

Esplund, C.D., +E 4-19

Start Date: 2007.03.13 @ 18:15:19

End Date: 2007.03.14 @ 03:28:19

Job Ticket #: 24486 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 17 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

KCC
MAY 15 2007
CONFIDENTIAL

American Warrior Inc

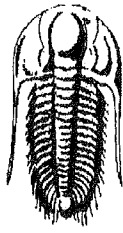
Esplund 4-19

19 30 23 Clark KS

DST # 1

Pawnee

2007.03.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846-0399
 ATTN: Jim

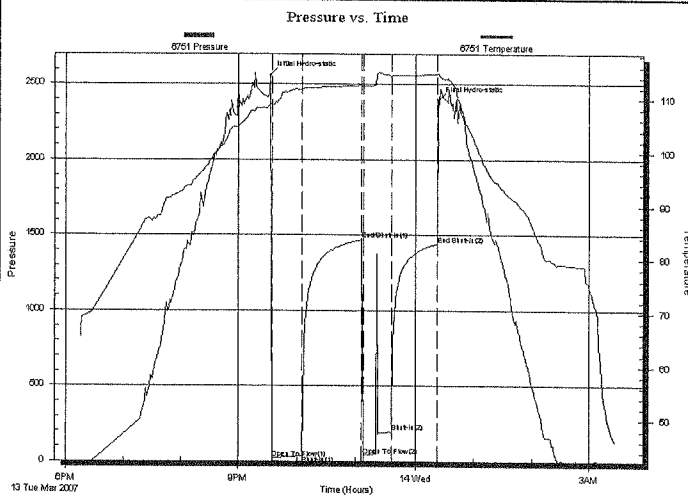
Esplund 4-19
19 30 23 Clark KS
 Job Ticket: 24486 **DST#: 1**
 Test Start: 2007.03.13 @ 18:15:19

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:34:49
 Time Test Ended: 03:28:19
 Interval: **5096.00 ft (KB) To 5110.00 ft (KB) (TVD)**
 Total Depth: 5110.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Harley Davidson
 Unit No: 33
 Reference Elevations: 2428.00 ft (KB)
 2416.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6751 Inside
 Press@RunDepth: 198.24 psig @ 5098.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.03.13 End Date: 2007.03.14 Last Calib.: 1899.12.30
 Start Time: 18:15:20 End Time: 03:28:19 Time On Btm: 2007.03.13 @ 21:33:34
 Time Off Btm: 2007.03.14 @ 00:23:34

TEST COMMENT: IF Weak surface blow.
 ISI No blow back.
 FF Weak surface blow.
 FSI No blow back.



PRESSURE SUMMARY

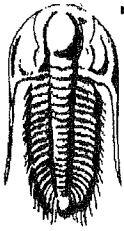
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2557.76 | 109.06 | Initial Hydro-static |
| 2 | 21.10 | 108.99 | Open To Flow (1) |
| 32 | 36.28 | 111.77 | Shut-In(1) |
| 93 | 1469.57 | 112.65 | End Shut-In(1) |
| 94 | 40.14 | 112.42 | Open To Flow (2) |
| 123 | 198.24 | 114.31 | Shut-In(2) |
| 169 | 1442.14 | 114.62 | End Shut-In(2) |
| 170 | 2395.36 | 114.82 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 275.00 | 100%Mud | 1.66 |
| | | |
| | | |
| | | |
| | | |

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 67846-0399
 ATTN: Jim

Esplund 4-19
19 30 23 Clark KS
 Job Ticket: 24486 **DST#: 1**
 Test Start: 2007.03.13 @ 18:15:19

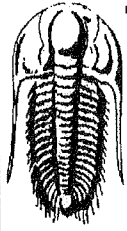
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4851.00 ft | Diameter: 3.80 inches | Volume: 68.05 bbl | Tool Weight: 2000.00 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: 241.00 ft | Diameter: 2.25 inches | Volume: 1.19 bbl | Weight to Pull Loose: 110000.0 lb |
| | | | <u>Total Volume: 69.24 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 24.00 ft | | | String Weight: Initial 80000.00 lb |
| Depth to Top Packer: | 5096.00 ft | | | Final 80000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 14.00 ft | | | |
| Tool Length: | 42.00 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 | | | 5069.00 | |
| Shut In Tool | 5.00 | | | 5074.00 | |
| Hydraulic tool | 5.00 | | | 5079.00 | |
| Jars | 5.00 | | | 5084.00 | |
| Safety Joint | 3.00 | | | 5087.00 | |
| Packer | 5.00 | | | 5092.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5096.00 | |
| Stubb | 1.00 | | | 5097.00 | |
| Perforations | 1.00 | | | 5098.00 | |
| Recorder | 0.00 | 6751 | Inside | 5098.00 | |
| Perforations | 8.00 | | | 5106.00 | |
| Recorder | 0.00 | 11018 | Inside | 5106.00 | |
| Bullnose | 4.00 | | | 5110.00 | 14.00 Bottom Packers & Anchor |

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jim

Esplund 4-19
19 30 23 Clark KS
Job Ticket: 24486 **DST#: 1**
Test Start: 2007.03.13 @ 18:15:19

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: | ppm |
| Viscosity: 55.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.77 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 6000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 275.00 | 100%Mud | 1.662 |

Total Length: 275.00 ft Total Volume: 1.662 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

DST Test Number: 1

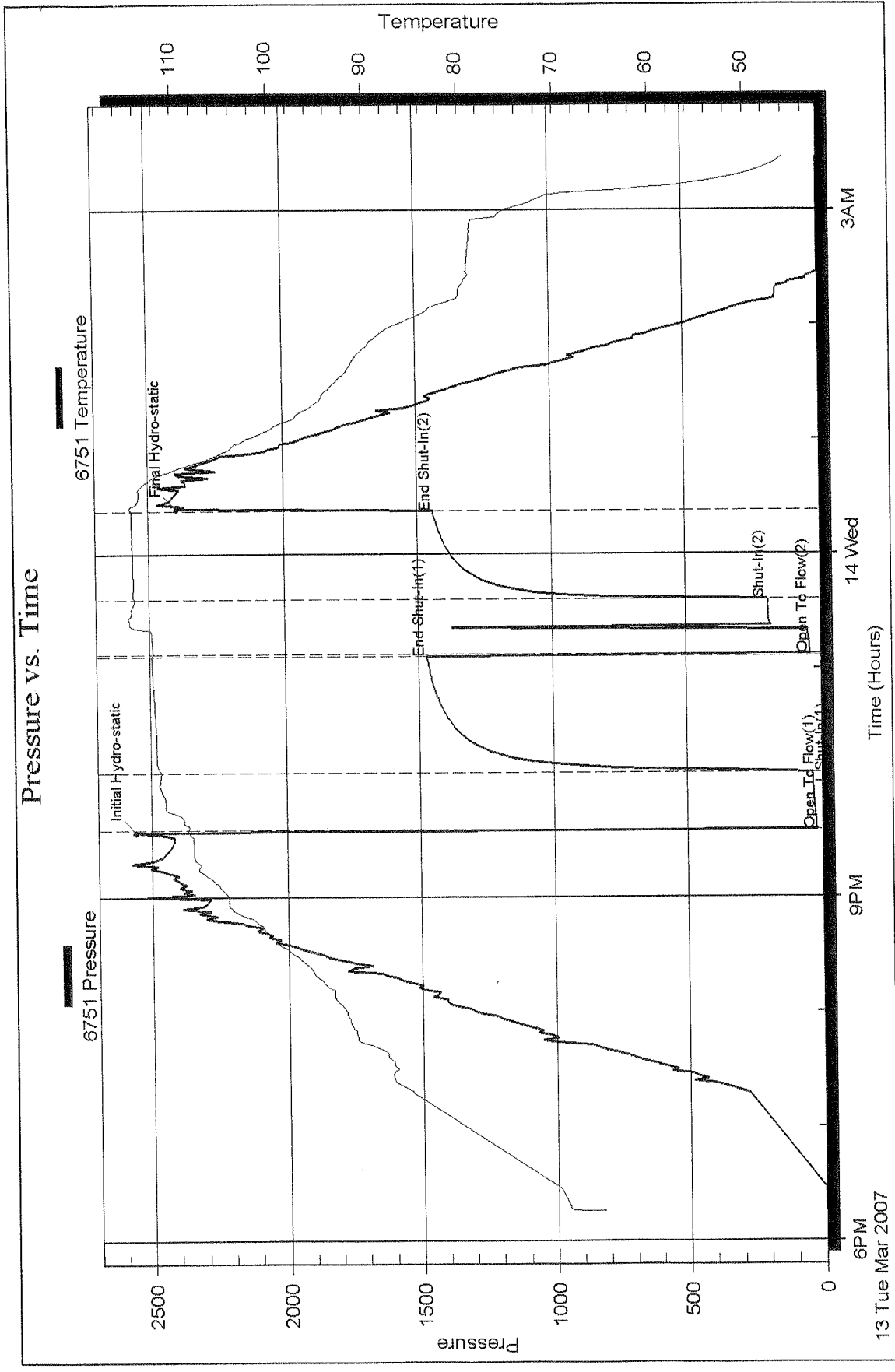
19 30 23 Clark KS

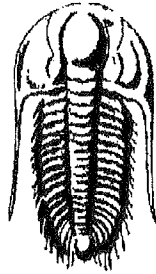
American Warrior Inc

Inside

Serial #: 6751

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**
PO Box 399
Garden City KS 67846-0399

ATTN: Jim

19 30 23 Clark KS

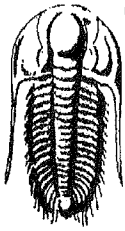
Esplund 4-19

Start Date: 2007.03.15 @ 05:43:27

End Date: 2007.03.15 @ 15:42:27

Job Ticket #: 27003 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 67846-0399
ATTN: Jim

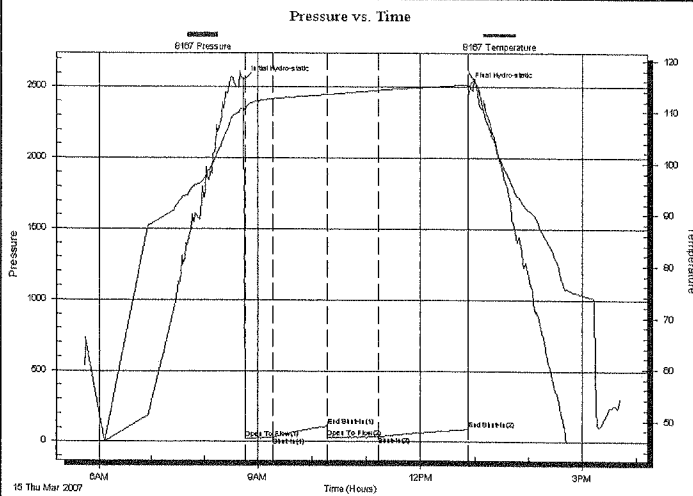
Esplund 4-19
19 30 23 Clark KS
Job Ticket: 27003 **DST#: 2**
Test Start: 2007.03.15 @ 05:43:27

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:46:12
Time Test Ended: 15:42:27
Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39
Interval: **5260.00 ft (KB) To 5320.00 ft (KB) (TVD)**
Reference Elevations: 2428.00 ft (KB)
Total Depth: 5320.00 ft (KB) (TVD) 2416.00 ft (CF)
Hole Diameter: 7.78 inches Hole Condition: Poor KB to GR/CF: 12.00 ft

Serial #: 8167 Inside
Press@RunDepth: 33.28 psig @ 5261.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.03.15 End Date: 2007.03.15 Last Calib.: 2007.03.15
Start Time: 05:43:32 End Time: 15:42:27 Time On Btm: 2007.03.15 @ 08:45:12
Time Off Btm: 2007.03.15 @ 12:52:56

TEST COMMENT: IF Weak to fair blow Increase to 7 1/2 "
ISI No blow
FF Weak blow 1 1/2 - 3 "
FSI No blow



PRESSURE SUMMARY

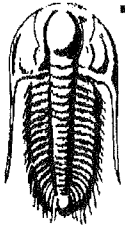
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2552.28 | 110.78 | Initial Hydro-static |
| 1 | 21.17 | 110.18 | Open To Flow(1) |
| 32 | 26.92 | 112.55 | Shut-In(1) |
| 92 | 109.52 | 113.44 | End Shut-In(1) |
| 92 | 31.91 | 113.41 | Open To Flow(2) |
| 149 | 33.28 | 114.26 | Shut-In(2) |
| 248 | 89.67 | 115.36 | End Shut-In(2) |
| 248 | 2506.53 | 116.75 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 60.00 | GCM 16%G 84%M | 0.30 |
| 0.00 | 250 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 67846-0399
 ATTN: Jim

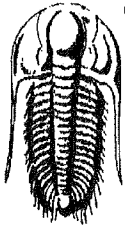
Esplund 4-19
19 30 23 Clark KS
 Job Ticket: 27003 **DST#: 2**
 Test Start: 2007.03.15 @ 05:43:27

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5060.00 ft | Diameter: 3.80 inches | Volume: 70.98 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: 25000.00 lb |
| Drill Collar: | Length: 180.00 ft | Diameter: 2.25 inches | Volume: 0.89 bbl | Weight to Pull Loose: 95000.00 lb |
| | | | <u>Total Volume: 71.87 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 8.00 ft | | | String Weight: Initial 86000.00 lb |
| Depth to Top Packer: | 5260.00 ft | | | Final 85000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 60.00 ft | | | |
| Tool Length: | 88.00 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 | | | 5233.00 | |
| Shut In Tool | 5.00 | | | 5238.00 | |
| Hydraulic tool | 5.00 | | | 5243.00 | |
| Jars | 5.00 | | | 5248.00 | |
| Safety Joint | 3.00 | | | 5251.00 | |
| Packer | 4.00 | | | 5255.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 5260.00 | |
| Stubb | 1.00 | | | 5261.00 | |
| Recorder | 0.00 | 8167 | Inside | 5261.00 | |
| Perforations | 2.00 | | | 5263.00 | |
| Change Over Sub | 1.00 | | | 5264.00 | |
| Blank Spacing | 32.00 | | | 5296.00 | |
| Change Over Sub | 1.00 | | | 5297.00 | |
| Perforations | 18.00 | | | 5315.00 | |
| Recorder | 0.00 | 11019 | Outside | 5315.00 | |
| Bullnose | 5.00 | | | 5320.00 | 60.00 Bottom Packers & Anchor |
| Total Tool Length: | 88.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

.FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jim

Esplund 4-19
19 30 23 Clark KS
Job Ticket: 27003 **DST#: 2**
Test Start: 2007.03.15 @ 05:43:27

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: | 11000 ppm |
| Viscosity: 68.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.78 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 11000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

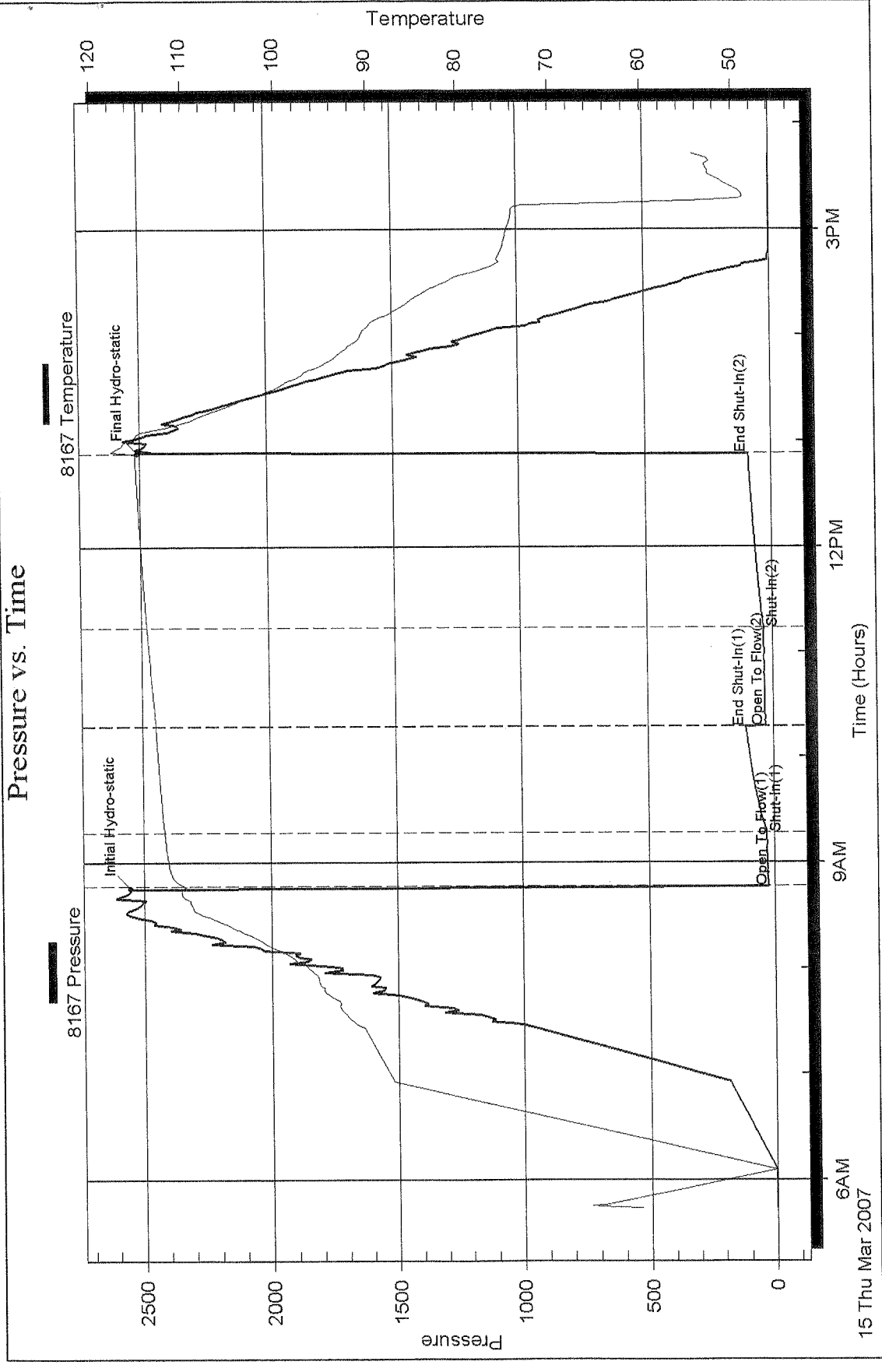
Recovery Information

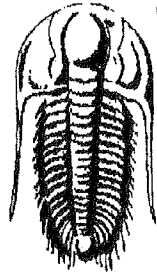
Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------|---------------|
| 60.00 | GCM 16%G 84%M | 0.295 |
| 0.00 | 250 ft.of GIP | 0.000 |

Total Length: 60.00 ft Total Volume: 0.295 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**
PO Box 399
Garden City KS 67846-0399

ATTN: Jim

19 30 23 Clark KS

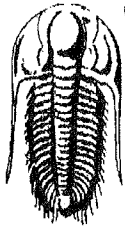
Esplund 4-19

Start Date: 2007.03.16 @ 22:26:08

End Date: 2007.03.17 @ 08:47:23

Job Ticket #: 27305 DST #: 3

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 67846-0399
 ATTN: Jim

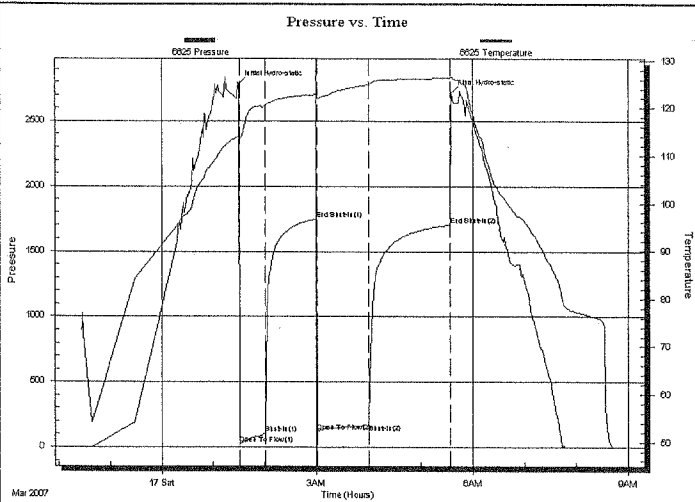
Esplund 4-19
19 30 23 Clark KS
 Job Ticket: 27305 **DST#: 3**
 Test Start: 2007.03.16 @ 22:26:08

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 01:31:38
 Tester: Delton Brown
 Time Test Ended: 08:47:23
 Unit No: 20
 Interval: **5550.00 ft (KB) To 5586.00 ft (KB) (TVD)**
 Reference Elevations: 2428.00 ft (KB)
 Total Depth: 5586.00 ft (KB) (TVD)
 2416.00 ft (CF)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 KB to GR/CF: 12.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 177.23 psig @ 5551.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.03.16 End Date: 2007.03.17 Last Calib.: 1899.12.30
 Start Time: 22:26:09 End Time: 08:47:23 Time On Btm: 2007.03.17 @ 01:30:38
 Time Off Btm: 2007.03.17 @ 05:34:53

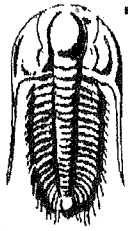
TEST COMMENT: IF Strong blow 6" in to bucket
 ISI No return blow
 FF Strong blow 6" in to bucket
 FSI No return blow



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| 0 | 2776.53 | 114.19 | Initial Hydro-static |
| 1 | 25.02 | 113.49 | Open To Flow (1) |
| 31 | 103.72 | 120.56 | Shut-In (1) |
| 90 | 1750.16 | 122.84 | End Shut-In (1) |
| 91 | 120.25 | 122.20 | Open To Flow (2) |
| 151 | 177.23 | 124.98 | Shut-In (2) |
| 244 | 1705.75 | 126.34 | End Shut-In (2) |
| 245 | 2715.19 | 126.56 | Final Hydro-static |

| Recovery | | |
|-------------|-------------------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 186.00 | Water cut Mud 24%V 76%M | 0.91 |
| 243.00 | Water cut Mud 40%V 60%M | 2.89 |
| | | |
| | | |
| | | |

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Esplund 4-19

PO Box 399
Garden City KS 67846-0399

19 30 23 Clark KS

Job Ticket: 27305

DST#: 3

ATTN: Jim

Test Start: 2007.03.16 @ 22:26:08

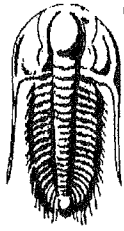
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5309.00 ft | Diameter: 3.80 inches | Volume: 74.47 bbl | Tool Weight: 2000.00 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: 243.00 ft | Diameter: 2.25 inches | Volume: 1.20 bbl | Weight to Pull Loose: 110000.0 lb |
| | | | <u>Total Volume: 75.67 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 29.00 ft | | | String Weight: Initial 92000.00 lb |
| Depth to Top Packer: | 5550.00 ft | | | Final 98000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 36.00 ft | | | |
| Tool Length: | 63.00 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 | | | 5524.00 | |
| Shut In Tool | 5.00 | | | 5529.00 | |
| Hydraulic tool | 5.00 | | | 5534.00 | |
| Jars | 5.00 | | | 5539.00 | |
| Safety Joint | 2.00 | | | 5541.00 | |
| Packer | 5.00 | | | 5546.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5550.00 | |
| Stubb | 1.00 | | | 5551.00 | |
| Recorder | 0.00 | 6625 | Inside | 5551.00 | |
| Change Over Sub | 1.00 | | | 5552.00 | |
| Drill Pipe | 30.00 | | | 5582.00 | |
| Change Over Sub | 1.00 | | | 5583.00 | |
| Recorder | 0.00 | 13761 | Inside | 5583.00 | |
| Bullnose | 3.00 | | | 5586.00 | 36.00 Bottom Packers & Anchor |

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jim

Esplund 4-19
19 30 23 Clark KS
Job Ticket: 27305 **DST#: 3**
Test Start: 2007.03.16 @ 22:26:08

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: | 90500 ppm |
| Viscosity: 51.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 10.35 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 9000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 186.00 | Water cut Mud 24%W 76%M | 0.915 |
| 243.00 | Water cut Mud 40%W 60%M | 2.889 |

Total Length: 429.00 ft Total Volume: 3.804 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW=.103@57F=90500ppm

Pressure vs. Time

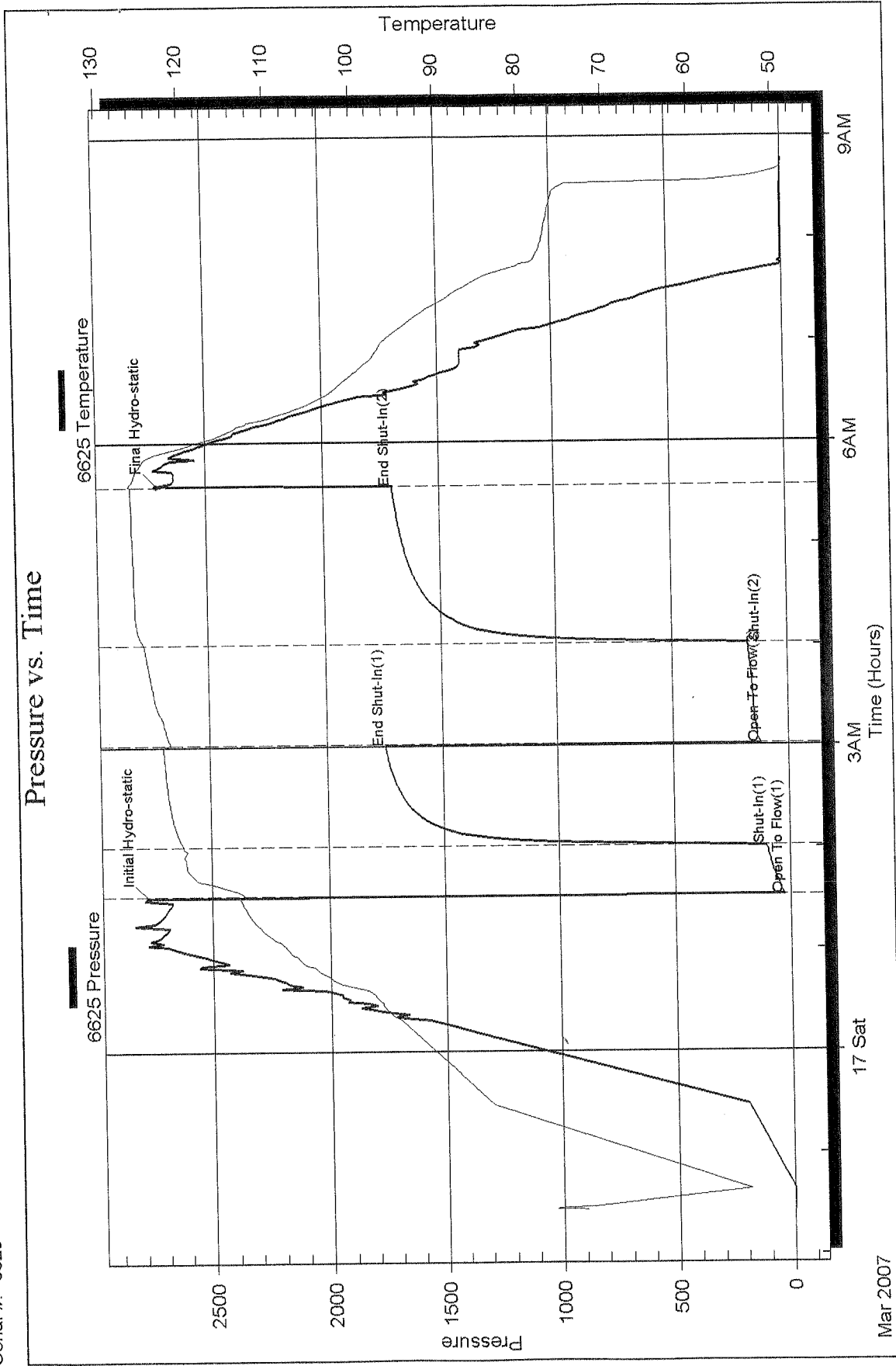


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

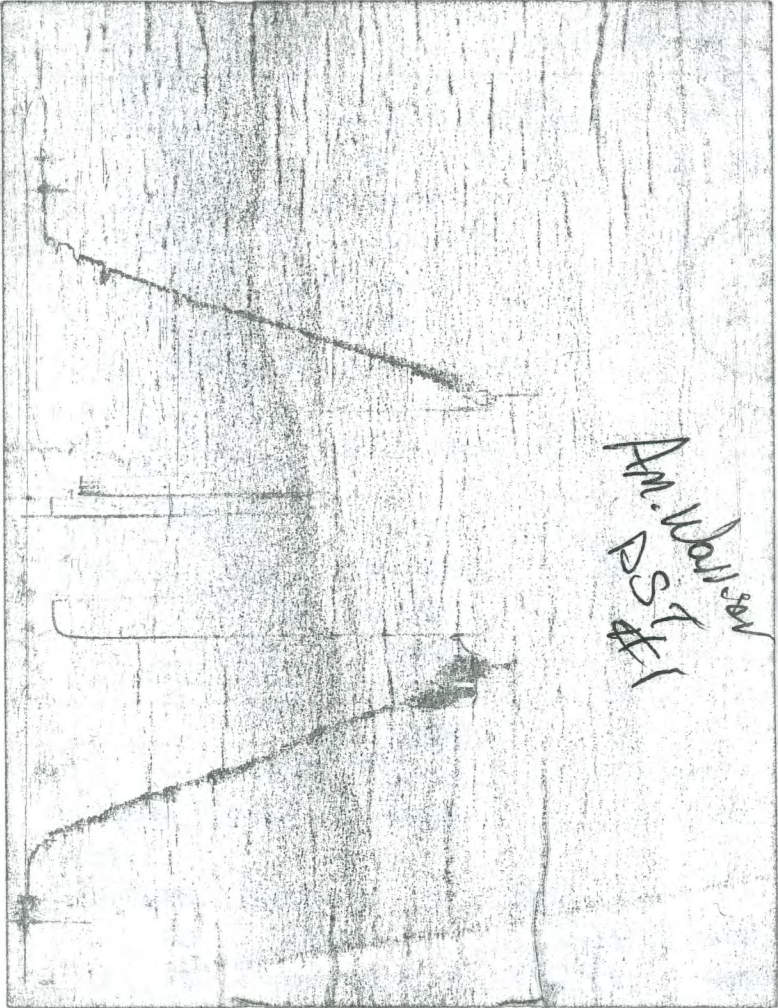


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

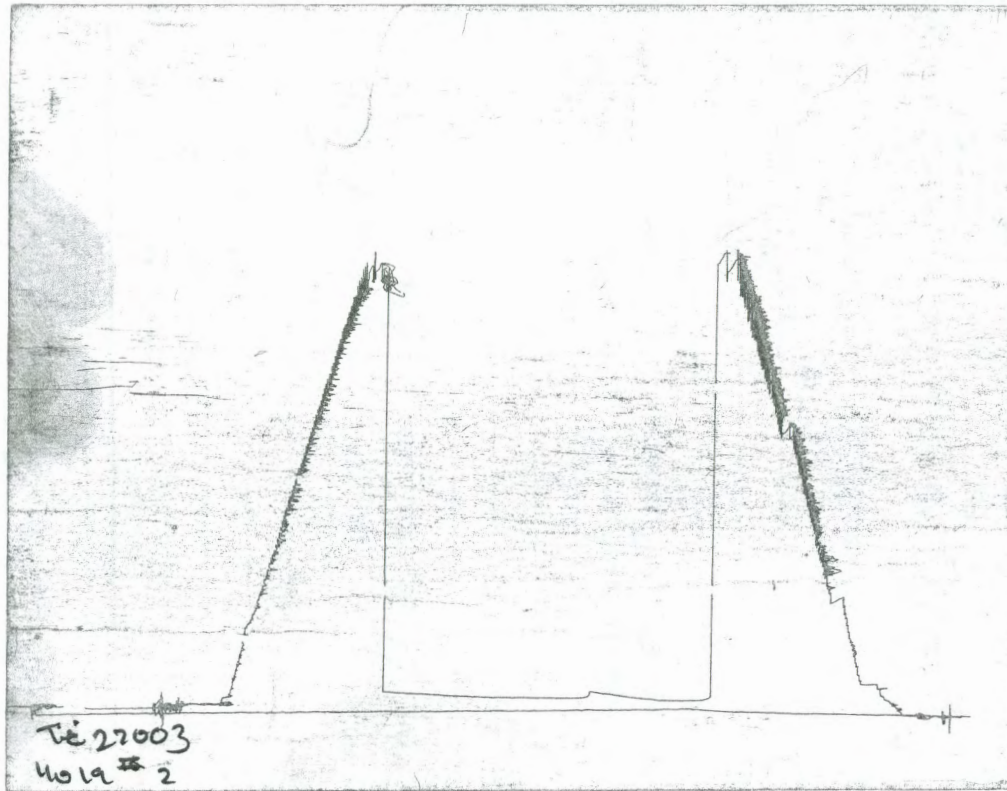


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

