

DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

PO Box 329
Russell KS 67665

ATTN: Frank Schulte

22 12 15 Russell KS

Vonlintel # 2

Start Date: 2007.06.03 @ 07:04:40

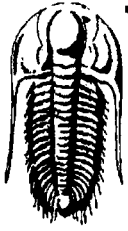
End Date: 2007.06.03 @ 10:25:55

Job Ticket #: 28253 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

Vonintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28253

DST#: 1

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 07:04:40

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:31:10

Time Test Ended: 10:25:55

Test Type: Conventional Straddle

Tester: Dan Bangle

Unit No: 38

Interval: **3264.00 ft (KB) To 3287.00 ft (KB) (TVD)**

Reference Elevations: 1824.00 ft (KB)

Total Depth: 3340.00 ft (KB) (TVD)

1819.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: psig @ 3265.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.06.03

End Date: 2007.06.03

Last Calib.: 2007.06.03

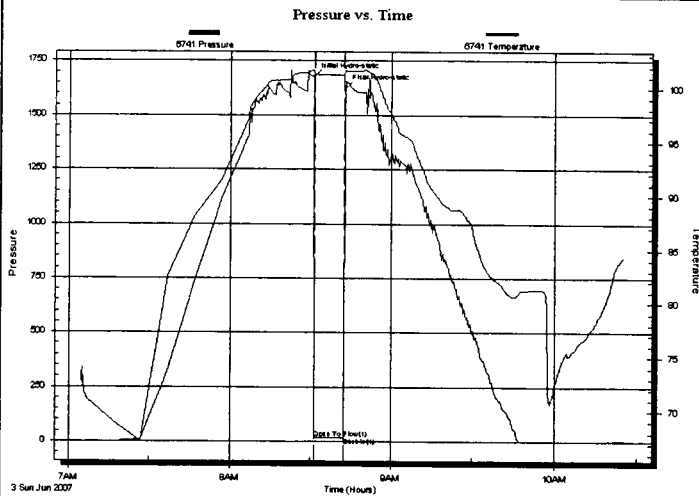
Start Time: 07:04:42

End Time: 10:25:55

Time On Btm: 2007.06.03 @ 08:31:00

Time Off Btm: 2007.06.03 @ 08:42:30

TEST COMMENT: IF Weak died in 10 min



PRESSURE SUMMARY

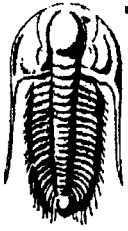
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1678.04	101.69	Initial Hydro-static
1	15.35	101.26	Open To Flow (1)
12	15.70	101.25	Shut-In(1)
12	1623.44	101.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM w/few Oil spots	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28253

DST#: 1

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 07:04:40

Tool Information

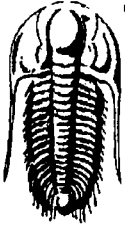
Drill Pipe:	Length: 3255.00 ft	Diameter: 3.80 inches	Volume: 45.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 45.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3264.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	3287.00 ft			
Interval between Packers:	23.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3244.00	
Shut In Tool	5.00			3249.00	
Hydraulic tool	5.00			3254.00	
Packer	5.00			3259.00	21.00 Bottom Of Top Packer
Packer	5.00			3264.00	
Stubb	1.00			3265.00	
Recorder	0.00	6741	Inside	3265.00	
Perforations	18.00			3283.00	
Blank Off Sub	1.00			3284.00	
Blank Spacing	3.00			3287.00	23.00 Tool Interval
Packer	2.00			3289.00	
Stubb	1.00			3290.00	
Recorder	0.00	13254	Outside	3290.00	
Drill Pipe	50.00			3340.00	53.00 Bottom Packers & Anchor

Total Tool Length: 97.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co

Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28253

DST#: 1

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 07:04:40

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.57 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DM w/few Oil spots	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

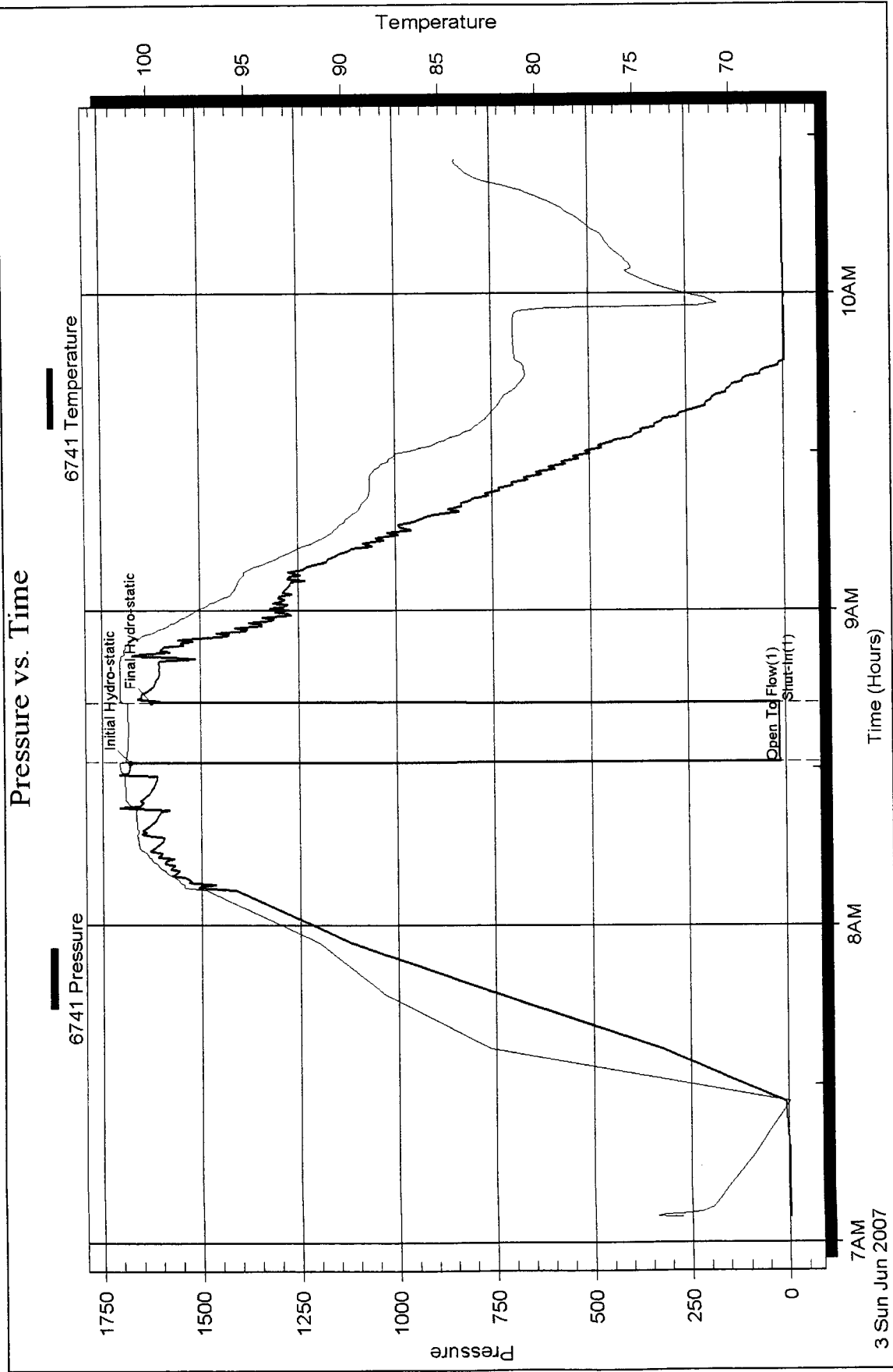
Serial #:

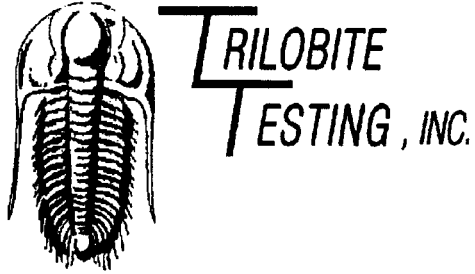
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

PO Box 329
Russell KS 67665

ATTN: Frank Schulte

22 12 15 Russell KS

Vonlintel # 2

Start Date: 2007.06.03 @ 10:30:18

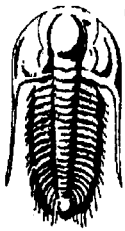
End Date: 2007.06.03 @ 13:34:48

Job Ticket #: 28254 DST #: 2

Trilobite Testing, Inc

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

ATTN: Frank Schulte

Job Ticket: 28254

DST#: 2

Test Start: 2007.06.03 @ 10:30:18

GENERAL INFORMATION:

Formation: **A-B-C LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:35:00
 Time Test Ended: 13:34:48

Test Type: Conventional Straddle
 Tester: Dan Bangle
 Unit No: 38

Interval: **2991.00 ft (KB) To 3043.00 ft (KB) (TVD)**
 Total Depth: 3340.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1824.00 ft (KB)
 1819.00 ft (CF)
 KB to GR/CF: 5.00 ft

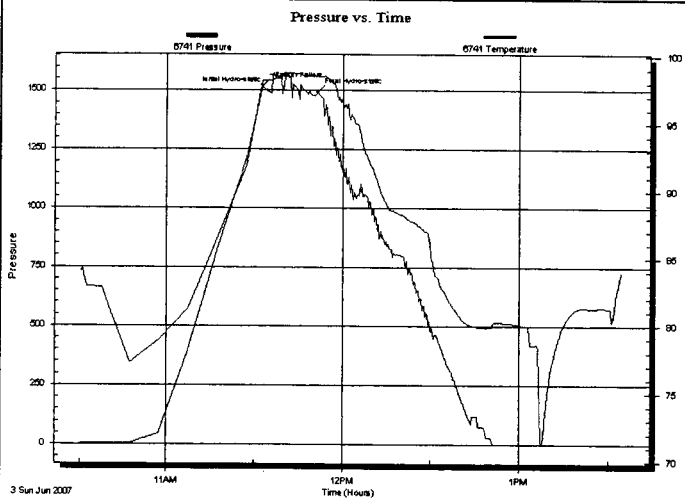
Serial #: 6741

Inside

Press@RunDepth: psig @ 2998.00 ft (KB)
 Start Date: 2007.06.03 End Date: 2007.06.03
 Start Time: 10:30:20 End Time: 13:34:48

Capacity: 7000.00 psig
 Last Calib.: 2007.06.03
 Time On Btm: 2007.06.03 @ 11:34:08
 Time Off Btm: 2007.06.03 @ 11:51:08

TEST COMMENT: Packer failure



PRESSURE SUMMARY

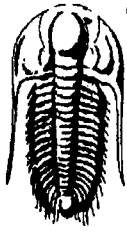
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1517.54	98.17	--Packer Failure
2	1497.51	98.21	Initial Hydro-static
19	1491.14	98.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
154.00	DM	2.16

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28254

DST#: 2

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 10:30:18

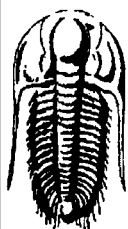
Tool Information

Drill Pipe:	Length: 2974.00 ft	Diameter: 3.80 inches	Volume: 41.72 bbl	Tool Weight: 2500.00 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: 45000.00 lb
		<u>Total Volume:</u>	<u>41.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2991.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	3043.00 ft			
Interval between Packers:	52.00 ft			
Tool Length:	370.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:	Misrun			

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2971.00	
Shut In Tool	5.00			2976.00	
Hydraulic tool	5.00			2981.00	
Packer	5.00			2986.00	21.00 Bottom Of Top Packer
Packer	5.00			2991.00	
Stubb	1.00			2992.00	
Perforations	5.00			2997.00	
Change Over Sub	1.00			2998.00	
Recorder	0.00	6741	Inside	2998.00	
Drill Pipe	31.00			3029.00	
Change Over Sub	1.00			3030.00	
Perforations	9.00			3039.00	
Blank Off Sub	1.00			3040.00	
Blank Spacing	3.00			3043.00	52.00 Tool Interval
Packer	2.00			3045.00	
Stubb	1.00			3046.00	
Change Over Sub	1.00			3047.00	
Recorder	0.00	13254	Outside	3047.00	
Drill Pipe	293.00			3340.00	297.00 Bottom Packers & Anchor

Total Tool Length: 370.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

ATTN: Frank Schulte

Job Ticket: 28254

DST#: 2

Test Start: 2007.06.03 @ 10:30:18

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.55 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	DM	2.160

Total Length: 154.00 ft Total Volume: 2.160 bbl

Num Fluid Samples: 0

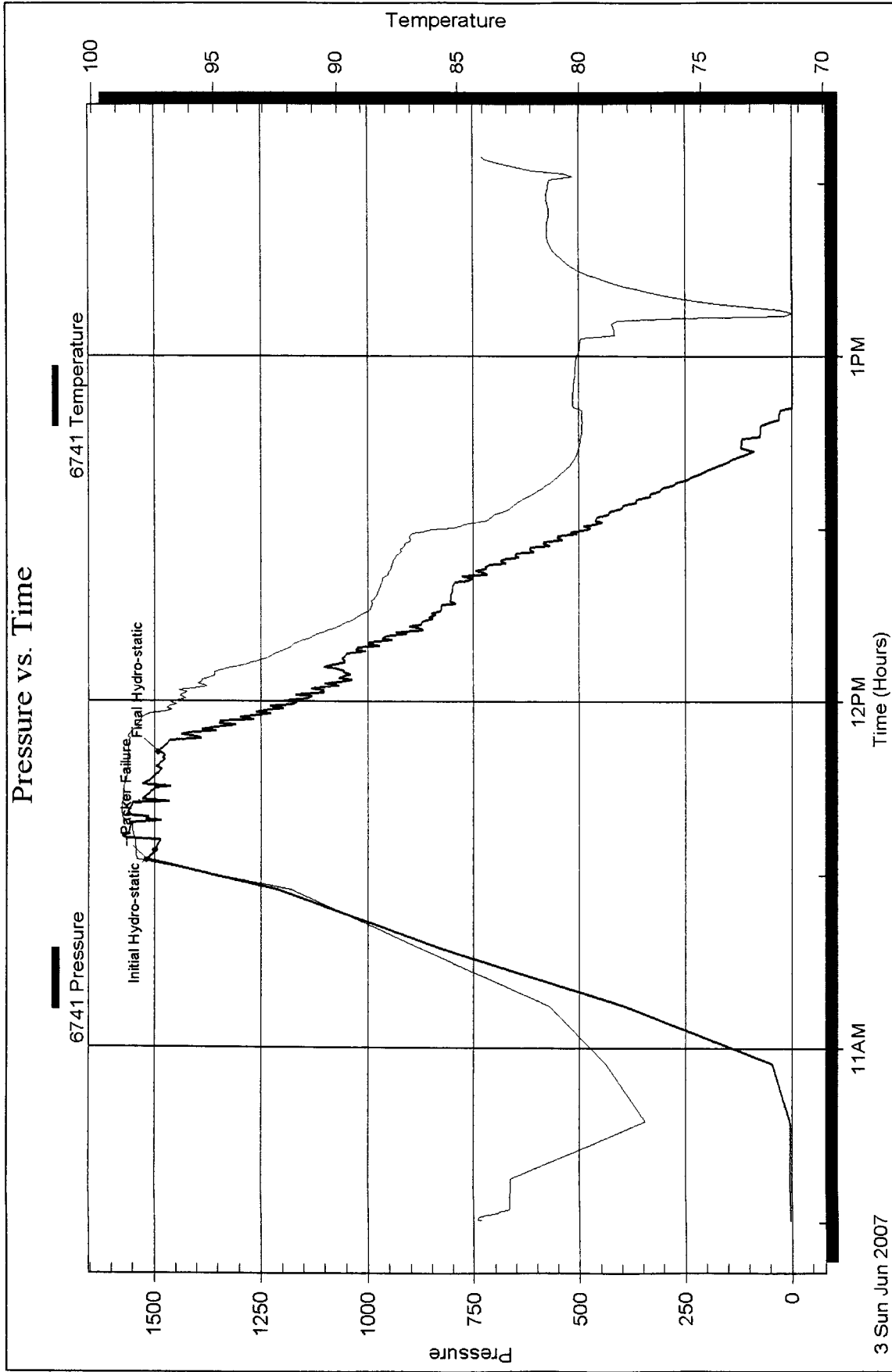
Num Gas Bombs: 0

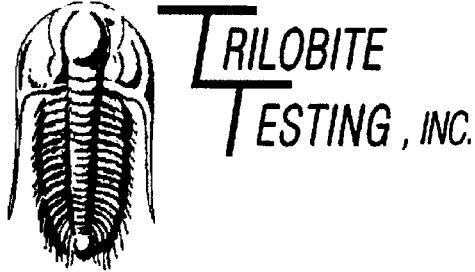
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

PO Box 329
Russell KS 67665

ATTN: Frank Schulte

22 12 15 Russell KS

Vonlintel # 2

Start Date: 2007.06.03 @ 13:40:20

End Date: 2007.06.03 @ 18:45:20

Job Ticket #: 28255 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Bennett & Schulte Oil Co

Vonlintel # 2

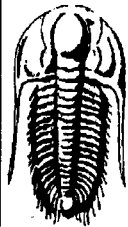
22 12 15 Russell KS

DST # 3

A-B-C

LKC

2007.06.03



**TRILOBITE
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DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

Vonintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

ATTN: Frank Schulte

Job Ticket: 28255

DST#: 3

Test Start: 2007.06.03 @ 13:40:20

GENERAL INFORMATION:

Formation: **A-B-C LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:44:20
 Time Test Ended: 18:45:20

Test Type: Conventional Straddle
 Tester: Dan Bangle
 Unit No: 38

Interval: **2962.00 ft (KB) To 3054.00 ft (KB) (TVD)**
 Total Depth: 3340.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1824.00 ft (KB)
 1819.00 ft (CF)
 KB to GR/CF: 5.00 ft

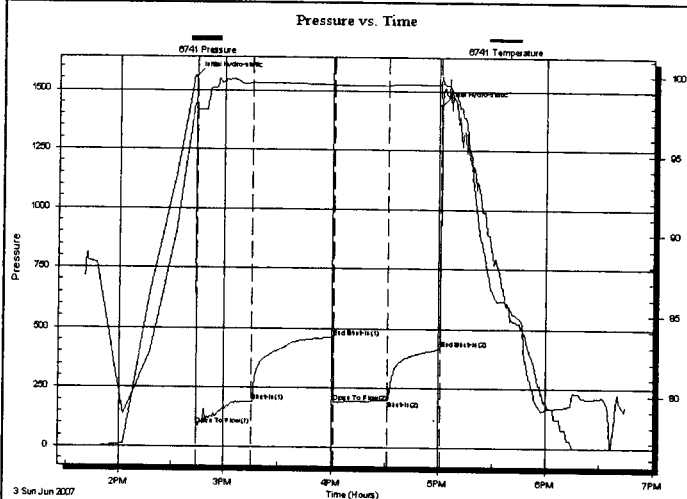
Serial #: 6741

Inside

Press@RunDepth: 198.81 psig @ 2969.00 ft (KB)
 Start Date: 2007.06.03 End Date: 2007.06.03
 Start Time: 13:40:22 End Time: 18:45:20

Capacity: 7000.00 psig
 Last Calib.: 2007.06.03
 Time On Btm: 2007.06.03 @ 14:43:50
 Time Off Btm: 2007.06.03 @ 17:01:20

TEST COMMENT: IF Surging blow - B-B in 14 min - blow decreasing to 3" in 30 min
 FF Weak steady surface blow



PRESSURE SUMMARY

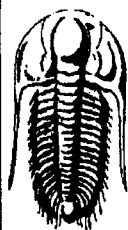
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.89	98.24	Initial Hydro-static
1	88.53	97.90	Open To Flow (1)
32	190.31	99.56	Shut-In(1)
77	464.36	99.48	End Shut-In(1)
78	191.16	99.40	Open To Flow (2)
108	198.81	99.41	Shut-In(2)
138	417.66	99.49	End Shut-In(2)
138	1440.34	100.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Mdy Wtr	4.21

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28255

DST#: 3

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 13:40:20

Tool Information

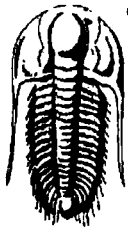
Drill Pipe:	Length: 2946.00 ft	Diameter: 3.80 inches	Volume: 41.32 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 41.32 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2962.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3054.00 ft			
Interval between Packers:	92.00 ft			
Tool Length:	399.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2942.00	
Shut In Tool	5.00			2947.00	
Hydraulic tool	5.00			2952.00	
Packer	5.00			2957.00	21.00 Bottom Of Top Packer
Packer	5.00			2962.00	
Stubb	1.00			2963.00	
Perforations	5.00			2968.00	
Change Over Sub	1.00			2969.00	
Recorder	0.00	6741	Inside	2969.00	
Drill Pipe	61.00			3030.00	
Change Over Sub	1.00			3031.00	
Perforations	19.00			3050.00	
Blank Off Sub	1.00			3051.00	
Blank Spacing	3.00			3054.00	92.00 Tool Interval
Packer	2.00			3056.00	
Stubb	1.00			3057.00	
Perforations	5.00			3062.00	
Change Over Sub	1.00			3063.00	
Drill Pipe	277.00			3340.00	286.00 Bottom Packers & Anchor

Total Tool Length: 399.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Vonlintel # 2

PO Box 329
Russell KS 67665

22 12 15 Russell KS

Job Ticket: 28255

DST#: 3

ATTN: Frank Schulte

Test Start: 2007.06.03 @ 13:40:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.36 in³

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 bbbl
300.00	Mdy Wtr	4.208

Total Length: 300.00 ft

Total Volume: 4.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

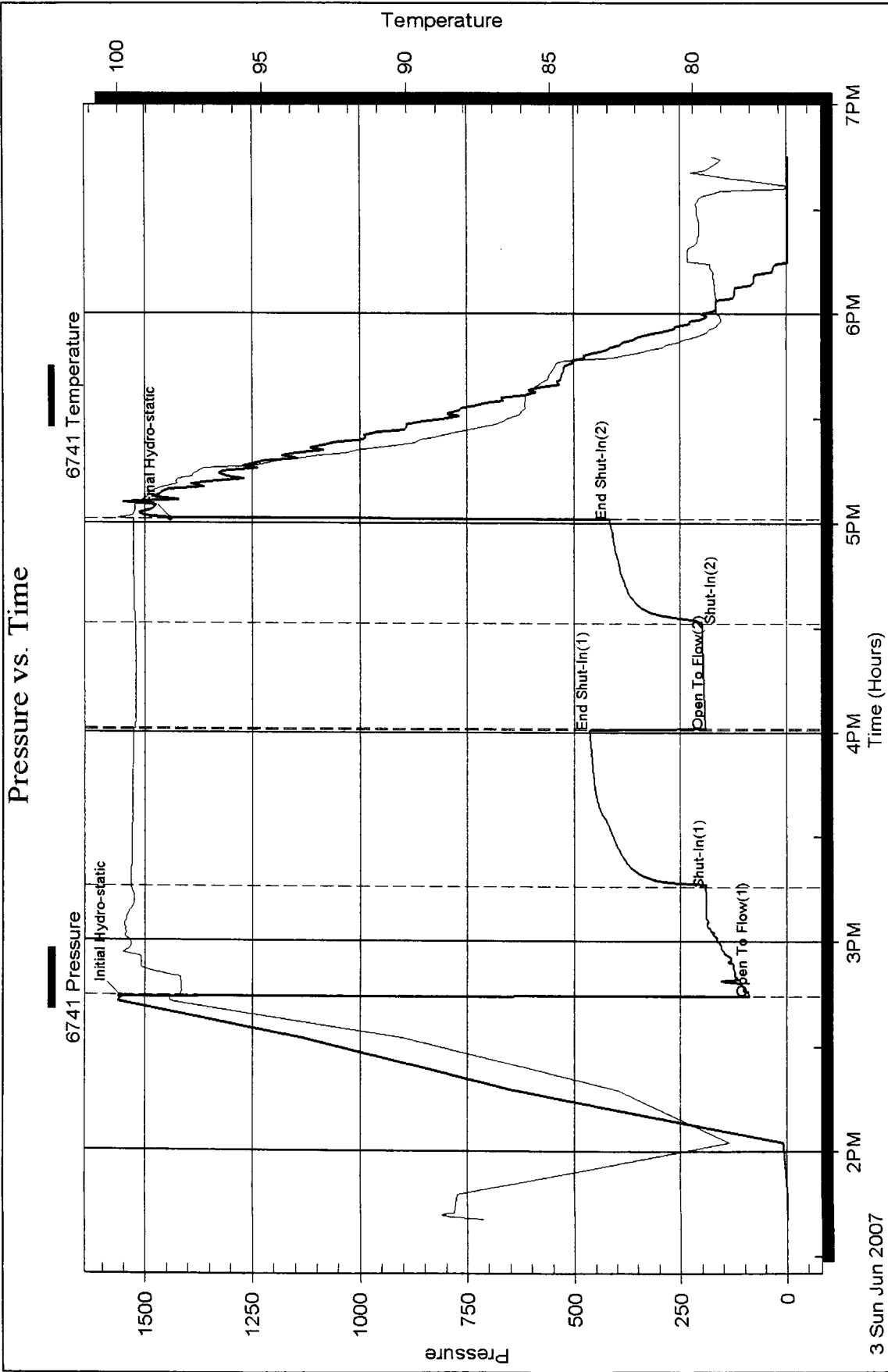
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

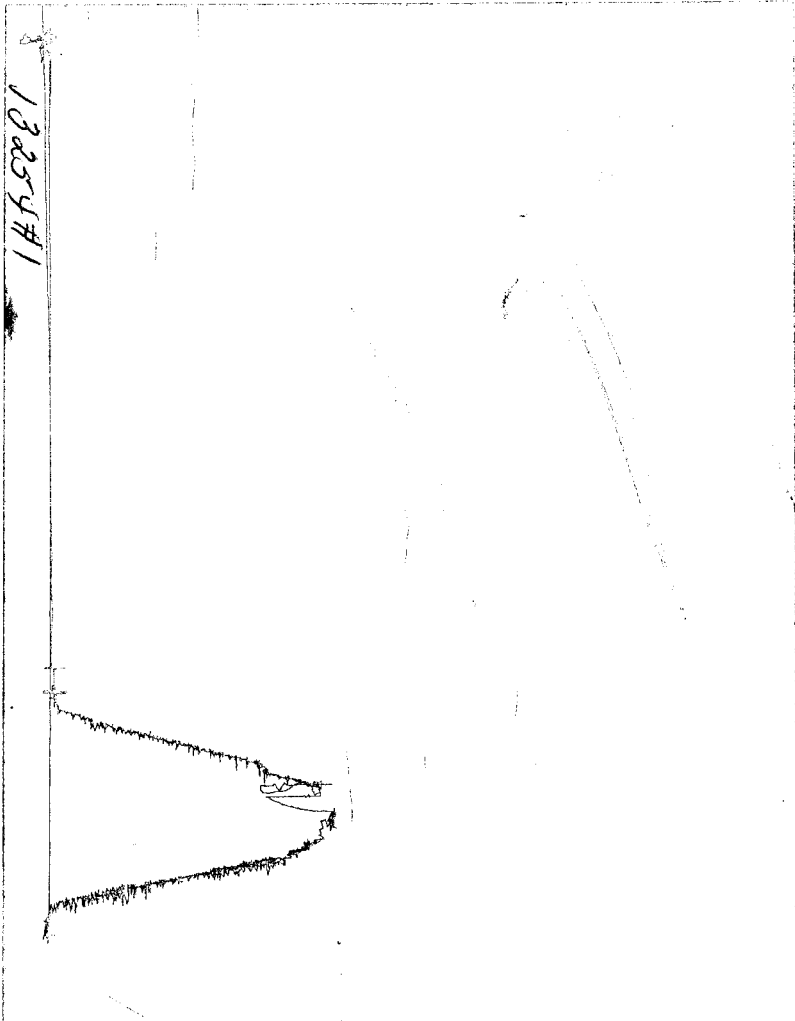
Pressure vs. Time



3 Sun Jun 2007

CHART PAGE

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



13254#1

CHART PAGE

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

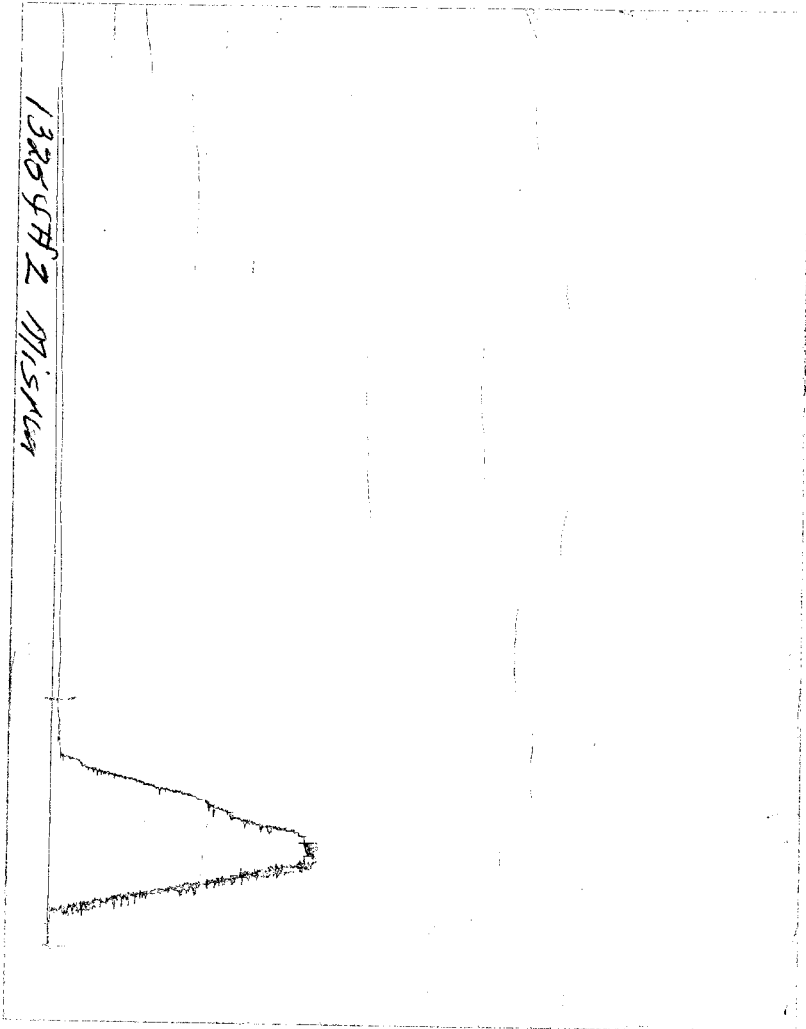


CHART PAGE

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

