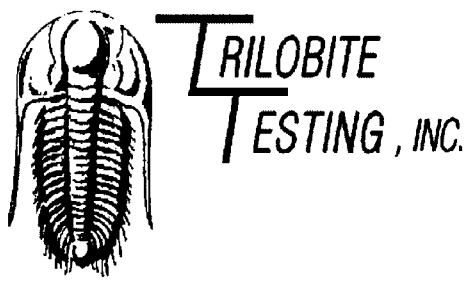


7285
5168



DRILL STEM TEST REPORT

Prepared For: **RC Taylor**
144
501 W ~~Service Rd~~ Suite 590
Oklahoma City OK 73118

ATTN: RC Taylor

3-35-31 Seward, Ks

KC Life #5

Start Date: 2005.03.07 @ 20:34:23
End Date: 2005.03.08 @ 05:18:03
Job Ticket #: 20492 DST #: 1

Fax to
405-840-2704

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

RC Taylor
KC Life #5
3-35-31 Seward, Ks
DST # 1
Lansing
2005.03.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 20492 **DST#: 1**
Test Start: 2005.03.07 @ 20:34:23

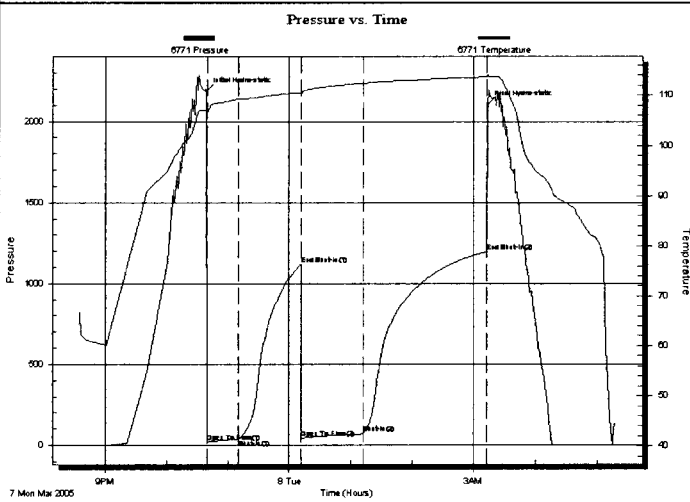
ATTN: RC Taylor

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: 22:40:18
Time Test Ended: 05:18:03
Interval: **4602.00 ft (KB) To 4617.00 ft (KB) (TVD)**
Total Depth: **4617.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **25**
Reference Elevations: **2691.00 ft (KB)**
2680.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6771 **Inside**
Press@RunDepth: **69.21 psig @ 4603.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.03.07** End Date: **2005.03.08** Last Calib.: **2005.03.08**
Start Time: **20:34:23** End Time: **05:18:03** Time On Btm: **2005.03.07 @ 22:38:48**
Time Off Btm: **2005.03.08 @ 03:13:48**

TEST COMMENT: 1/4" in. @ open built to 3" in.
No return
1/4" in. @ open built to 5" in.
No return



PRESSURE SUMMARY

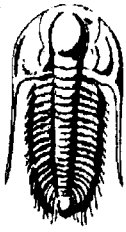
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.11	107.01	Initial Hydro-static
2	15.95	106.44	Open To Flow (1)
32	37.88	109.36	Shut-In(1)
93	1119.25	110.52	End Shut-In(1)
94	40.60	110.23	Open To Flow (2)
153	69.21	112.43	Shut-In(2)
275	1196.50	113.68	End Shut-In(2)
275	2102.43	114.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	mud cut w ater 30% m 70% w w/oil spots 0.49	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 20492 **DST#: 1**
Test Start: 2005.03.07 @ 20:34:23

ATTN: RC Taylor

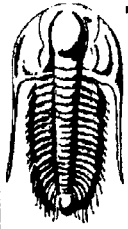
Tool Information

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.80 inches	Volume: 55.90 bbl	Tool Weight: 1500.00 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: 620.00 ft	Diameter: 2.25 inches	Volume: 3.05 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 58.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4602.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 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			4576.00	
Shut In Tool	5.00			4581.00	
Hydraulic tool	5.00			4586.00	
Jars	5.00			4591.00	
Safety Joint	2.00			4593.00	
Packer	5.00			4598.00	27.00 Bottom Of Top Packer
Packer	4.00			4602.00	
Stubb	1.00			4603.00	
Recorder	0.00	6771	Inside	4603.00	
Perforations	9.00			4612.00	
Recorder	0.00	11057	Outside	4612.00	
Bullnose	5.00			4617.00	15.00 Bottom Packers & Anchor

Total Tool Length: 42.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 20492 **DST#: 1**
Test Start: 2005.03.07 @ 20:34:23

ATTN: RC Taylor

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	46000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	mud cut w ater 30% m 70% w w/oil spots	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6771

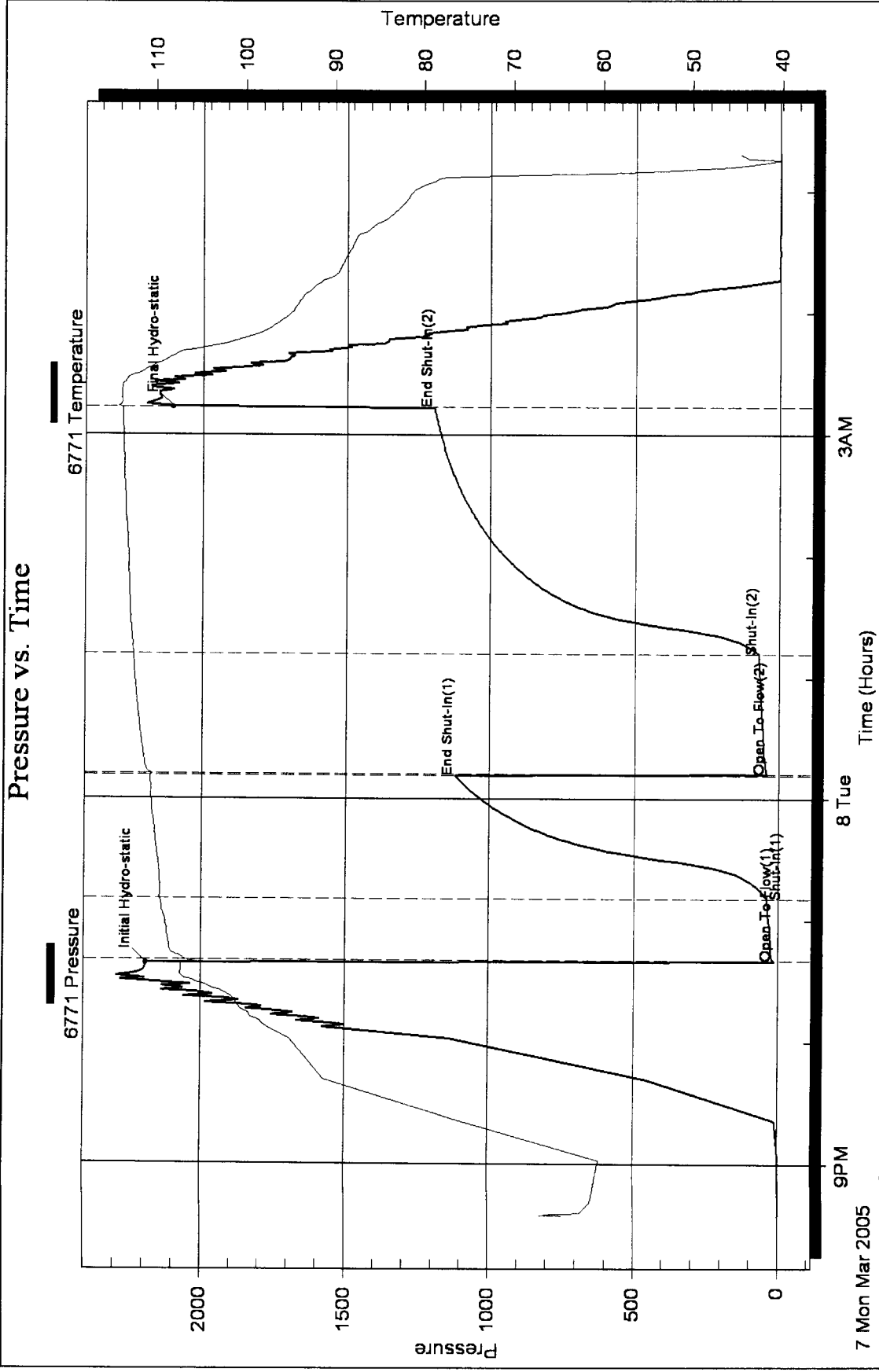
Inside

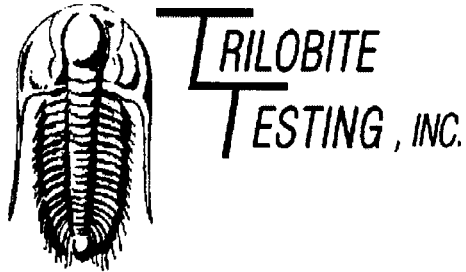
RC Taylor

3-35-31 Sew ard,Ks

D&T Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **RC Taylor**

501 W Service Rd Suite 590
Oklahoma City OK 73118

ATTN: RC Taylor

3-35-31 Seward,Ks

KC Life #5

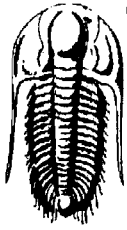
Start Date: 2005.03.09 @ 00:00:00

End Date:

Job Ticket #: 21780

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

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118
ATTN: RC Taylor

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 21780 **DST#: 2**
Test Start: 2005.03.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened:
Time Test Ended:
Interval: **4925.00 ft (KB) To 4960.00 ft (KB) (TVD)**
Total Depth: **4960.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Dustin Rash**
Unit No: **17**
Reference Elevations: **2691.00 ft (KB)**
2680.00 ft (CF)
KB to GRVCF: **11.00 ft**

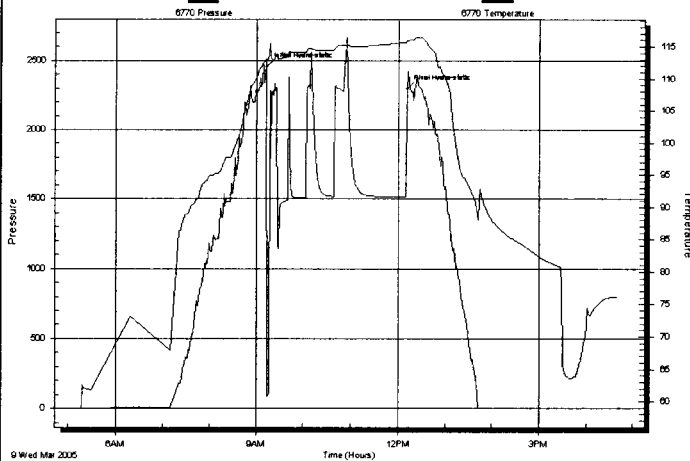
Serial #: 6770

Inside

Press@RunDepth: psig @ 4927.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2005.03.09 End Date: 2005.03.09 Last Calib.: 1899.12.30
Start Time: 05:17:15 End Time: 16:40:28 Time On Btm: 2005.03.09 @ 09:12:58
Time Off Btm: 2005.03.09 @ 12:10:58

TEST COMMENT: F-
IS-
FF-
FS-

Pressure vs. Time



PRESSURE SUMMARY

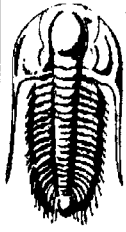
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.03	113.16	Initial Hydro-static
179	2295.48	115.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	Mud in Pipe	4.54

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RC Taylor

KC Life #5

501 W Service Rd Suite 590
Oklahoma City OK 73118

3-35-31 Seward, Ks

Job Ticket: 21780

DST#: 2

ATTN: RC Taylor

Test Start: 2005.03.09 @ 00:00:00

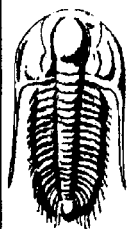
Tool Information

Drill Pipe:	Length: 4595.00 ft	Diameter: 3.80 inches	Volume: 64.46 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: 33000.00 lb
Drill Collar:	Length: 333.00 ft	Diameter: 2.25 inches	Volume: 1.64 bbl	Weight to Pull Loose: 25000.00 lb
			<u>Total Volume: 66.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 81000.00 lb
Depth to Top Packer:	4925.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	62.00 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			4899.00	
Shut In Tool	5.00			4904.00	
Hydraulic tool	5.00			4909.00	
Jars	5.00			4914.00	
Safety Joint	2.00			4916.00	
Packer	5.00			4921.00	27.00 Bottom Of Top Packer
Packer	4.00			4925.00	
Stubb	1.00			4926.00	
Perforations	1.00			4927.00	
Recorder	0.00	6770	Inside	4927.00	
Perforations	30.00			4957.00	
Recorder	0.00	10993	Inside	4957.00	
Bullnose	3.00			4960.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RC Taylor

KC Life #5

501 W Service Rd Suite 590
Oklahoma City OK 73118

3-35-31 Seward, Ks

Job Ticket: 21780

DST#: 2

ATTN: RC Taylor

Test Start: 2005.03.09 @ 00:00:00

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
540.00	Mud in Pipe	4.541

Total Length: 540.00 ft Total Volume: 4.541 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

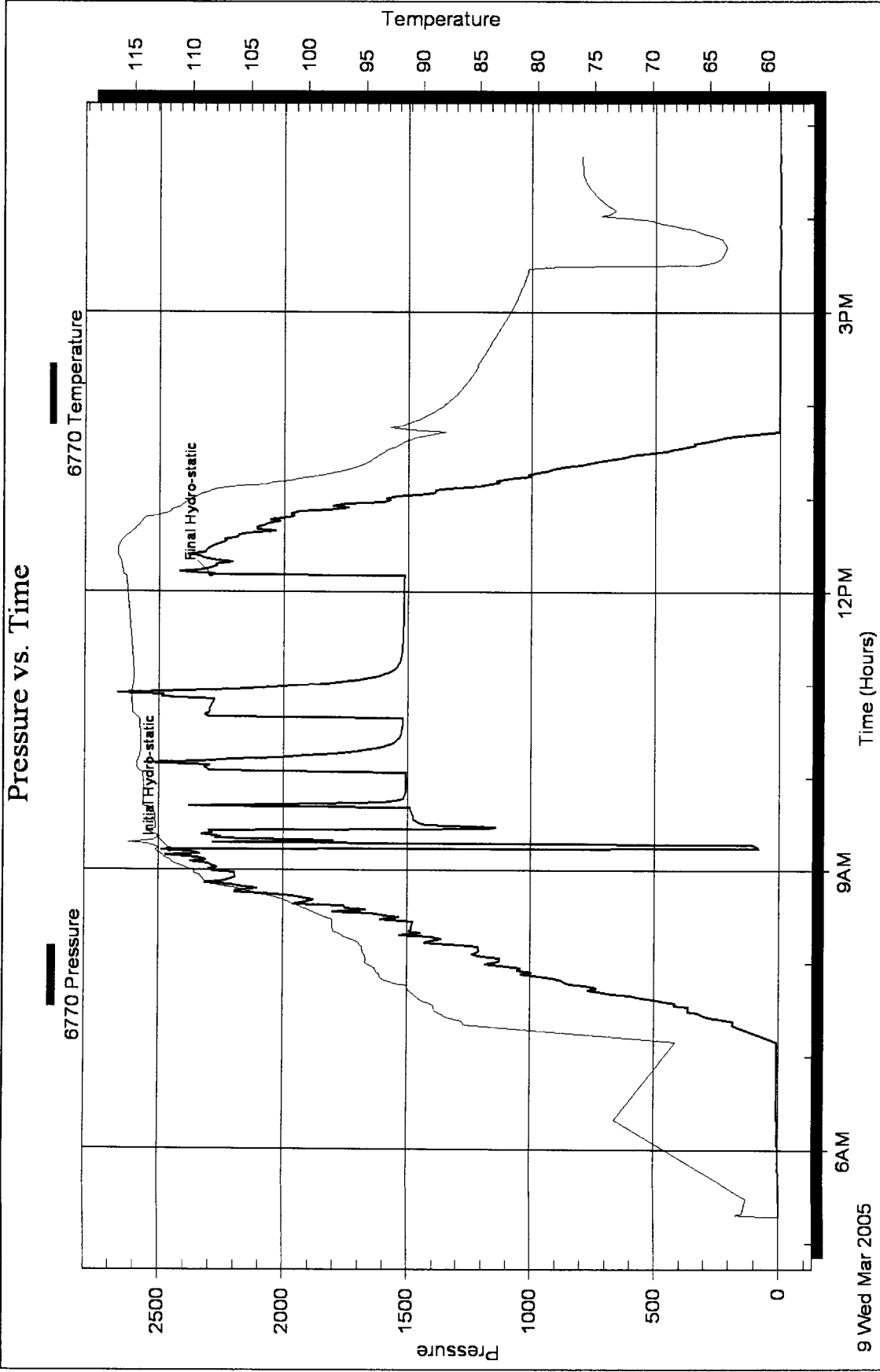
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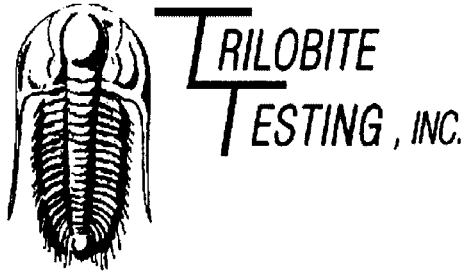
RC Taylor

3-35-31 Sew ard, Ks

DGT Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **RC Taylor**

501 W Service Rd Suite 590
Oklahoma City OK 73118

ATTN: RC Taylor

3-35-31 Seward,Ks

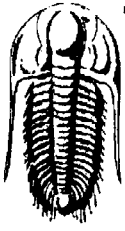
KC Life #5

Start Date: 2005.03.09 @ 22:03:06

End Date: 2005.03.10 @ 09:31:34

Job Ticket #: 21781 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

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118
ATTN: RC Taylor

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 21781 **DST#: 3**
Test Start: 2005.03.09 @ 22:03:06

GENERAL INFORMATION:

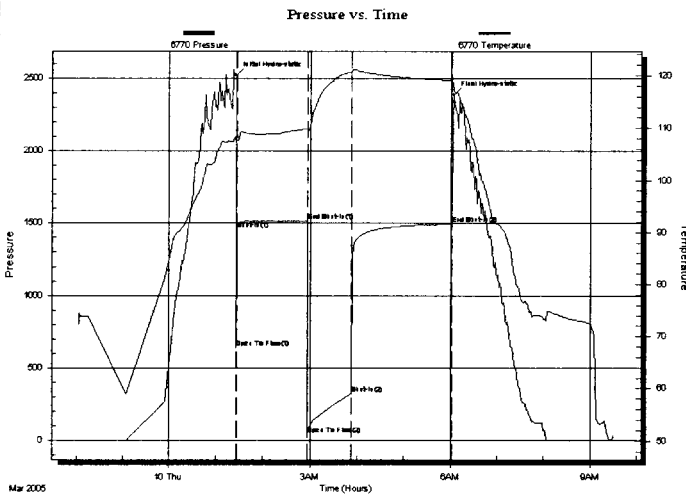
Formation: **Kansas City**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: **01:26:04** Tester: **Dustin Rash**
Time Test Ended: **09:31:34** Unit No: **17**
Interval: **4926.00 ft (KB) To 4960.00 ft (KB) (TVD)** Reference Elevations: **2691.00 ft (KB)**
Total Depth: **4960.00 ft (KB) (TVD)** **2680.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **11.00 ft**

Serial #: 6770

Inside

Press@RunDepth: **320.11 psig @ 4928.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.03.09** End Date: **2005.03.10** Last Calib.: **1899.12.30**
Start Time: **22:03:06** End Time: **09:31:34** Time On Btm: **2005.03.10 @ 01:25:19**
Time Off Btm: **2005.03.10 @ 06:03:34**

TEST COMMENT: IF-Weak blow . Built to 1 inch and stabilized
IS-No Blow back
FF-Strong blow . BOB in 12 min.
FS-No Blow back.



PRESSURE SUMMARY

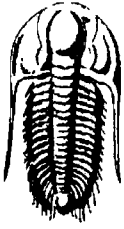
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2520.01	108.41	Initial Hydro-static
1	641.51	107.28	Open To Flow (1)
2	1459.47	107.57	Shut-In(1)
92	1517.88	109.87	End Shut-In(1)
93	43.41	109.16	Open To Flow (2)
148	320.11	120.66	Shut-In(2)
276	1495.25	119.08	End Shut-In(2)
279	2386.85	116.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
550.00	Mud cut Salt Water	5.48
35.00	Mud	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 21781 **DST#: 3**
Test Start: 2005.03.09 @ 22:03:06

ATTN: RC Taylor

Tool Information

Drill Pipe:	Length: 4903.00 ft	Diameter: 3.80 inches	Volume: 68.78 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: 28000.00 lb
Drill Collar:	Length: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 22000.00 lb
			<u>Total Volume: 69.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	249.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4926.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	61.00 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			4900.00	
Shut In Tool	5.00			4905.00	
Hydraulic tool	5.00			4910.00	
Jars	5.00			4915.00	
Safety Joint	2.00			4917.00	
Packer	5.00			4922.00	27.00 Bottom Of Top Packer
Packer	4.00			4926.00	
Stubb	1.00			4927.00	
Perforations	1.00			4928.00	
Recorder	0.00	6770	Inside	4928.00	
Perforations	29.00			4957.00	
Recorder	0.00	10993	Inside	4957.00	
Bullnose	3.00			4960.00	34.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

RC Taylor
501 W Service Rd Suite 590
Oklahoma City OK 73118

KC Life #5
3-35-31 Seward, Ks
Job Ticket: 21781 **DST#: 3**
Test Start: 2005.03.09 @ 22:03:06

ATTN: RC Taylor

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:	100000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 3.00 in ³	Gas Cushion Type:		
Resistivity: 0.09 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
550.00	Mud cut Salt Water	5.483
35.00	Mud	0.491

Total Length: 585.00 ft Total Volume: 5.974 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6770

Inside RC Taylor

3-35-31 Seward, Ks

DST Test Number: 3

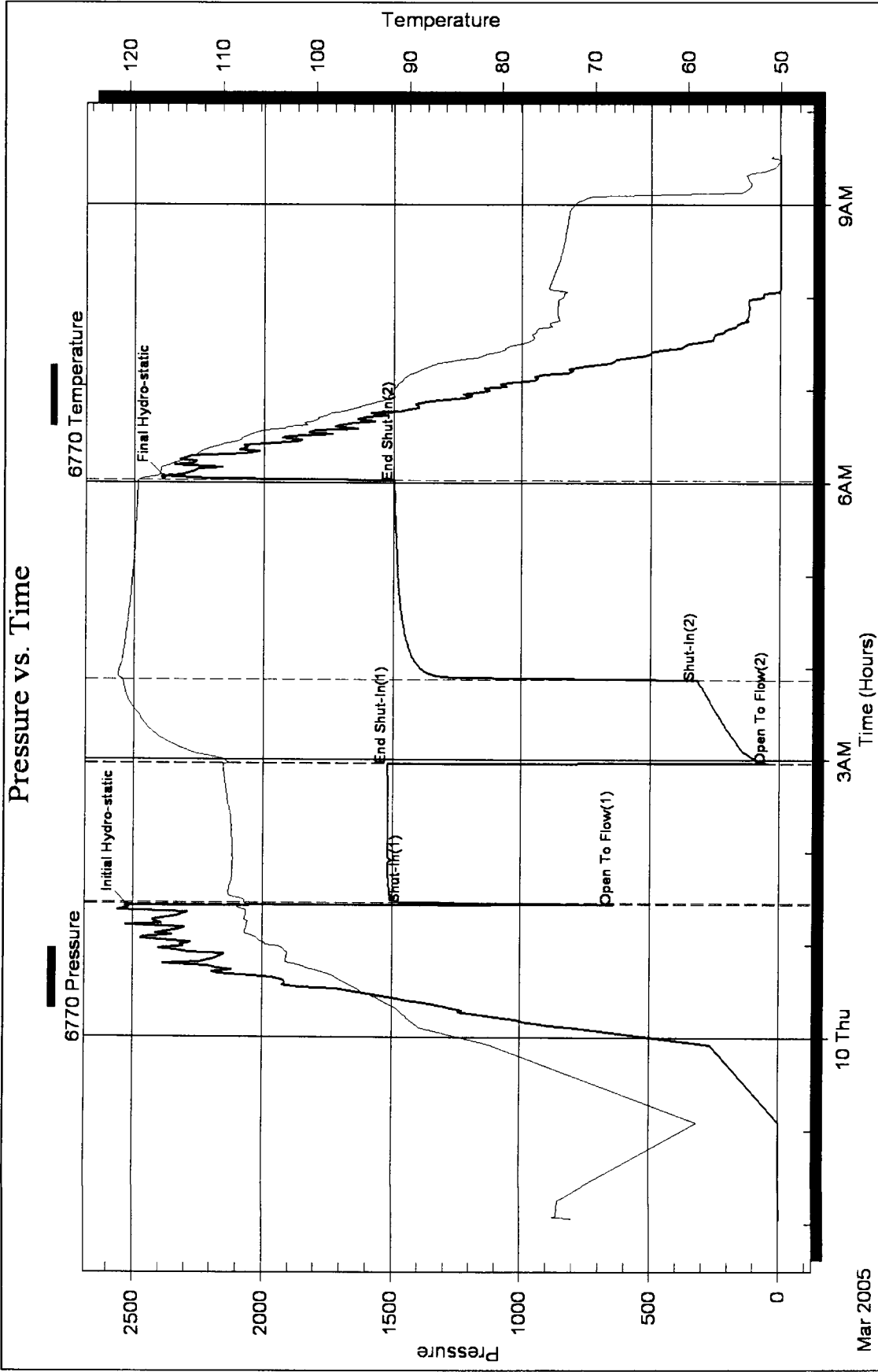


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

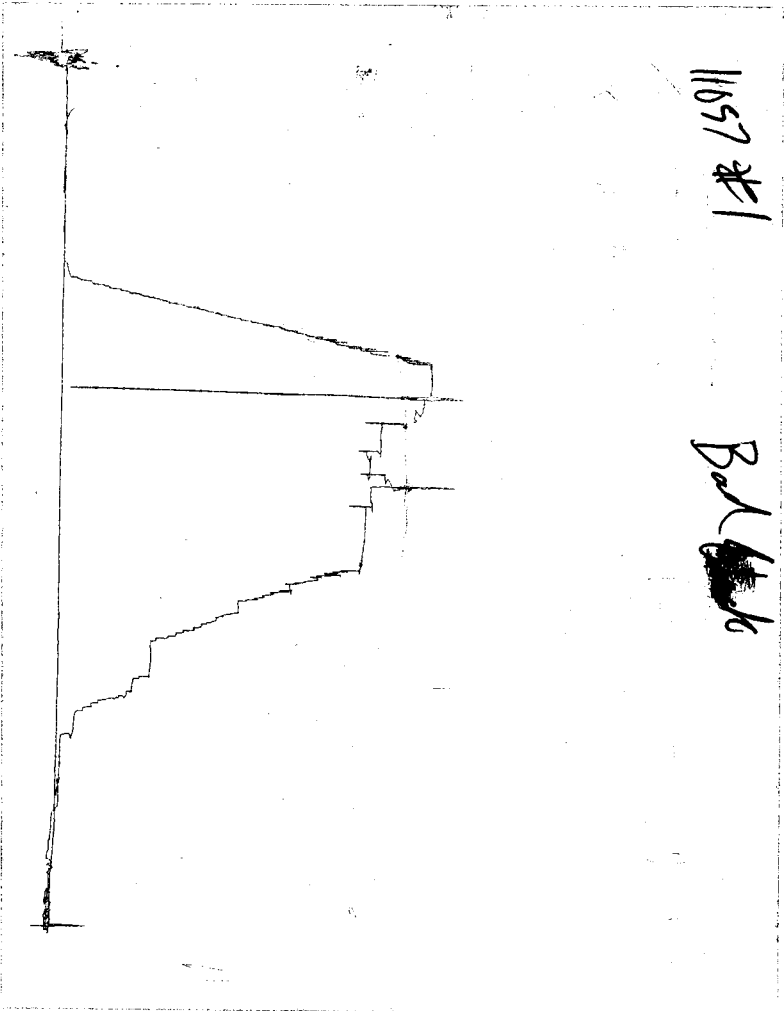


CHART PAGE

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

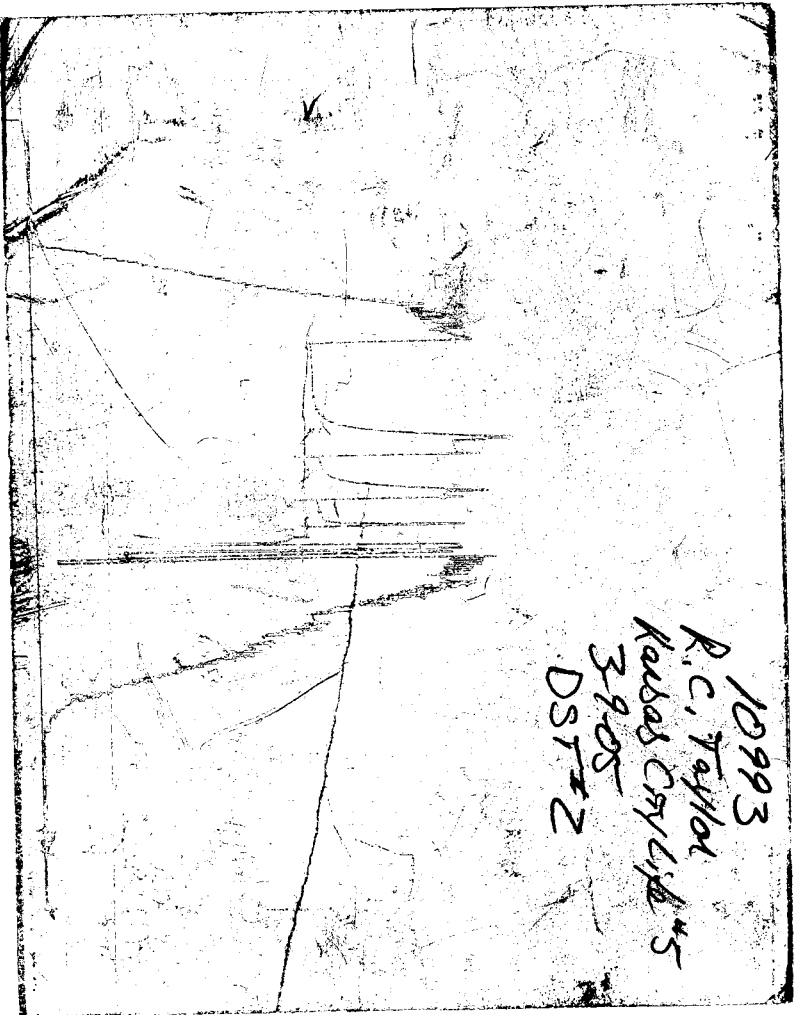


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

