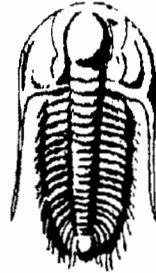


25-28S-18W

15-097-21612



**TRILOBITE
TESTING, INC.**

Advantage Resources

Keller C #1

25 28S 18W Kiowa KS

DST # 1

Pawnee

2007.06.29

DRILL STEM TEST REPORT

Prepared For: **Advantage Resources**

1775 Sherman St Ste 1700
Denver CO 80203

ATTN: Jon Christensen

25 28S 18W Kiowa KS

Keller C #1

Start Date: 2007.06.29 @ 18:10:48

End Date: 2007.06.29 @ 23:35:48

Job Ticket #: 27923 DST #: 1

15-097-21612

W2 W2

2640 FNC 500 FWL

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 23 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Advantage Resources

1775 Sherman St Ste 1700
Denver CO 80203

ATTN: Jon Christensen

Keller C #1

25 28S 18W Kiowa KS

Job Ticket: 27923

DST#: 1

Test Start: 2007.06.29 @ 18:10:48

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:16:33

Time Test Ended: 23:35:48

Interval: **4753.00 ft (KB) To 4778.00 ft (KB) (TVD)**

Total Depth: **4778.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Reference Elevations: 2229.00 ft (KB)

2224.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: 162.68 psig @ 4754.00 ft (KB)

Start Date: 2007.06.29

End Date:

2007.06.29

Capacity: 7000.00 psig

Last Calib.: 2007.06.29

Start Time: 18:10:53

End Time:

23:35:47

Time On Btm: 2007.06.29 @ 20:16:03

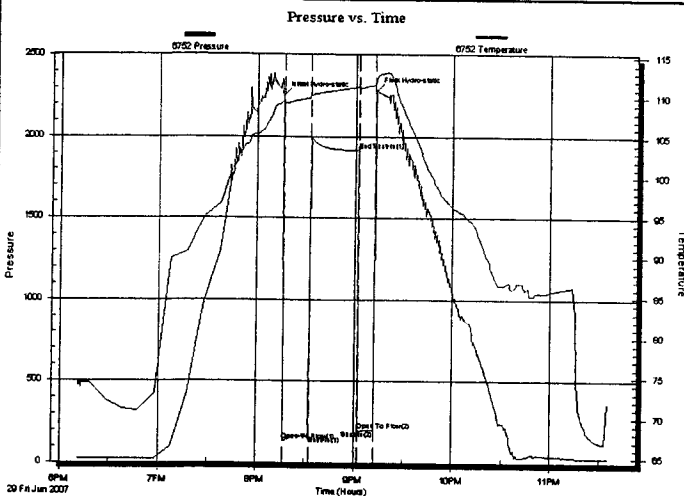
Time Off Btm: 2007.06.29 @ 21:12:33

TEST COMMENT: IF Strong Blow 8 1/2 inches

ISI Bled Off No Blowback

FF Fair Blow 4 1/2 inches

FSI No Final Shut in



PRESSURE SUMMARY

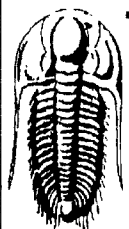
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2250.24	109.54	Initial Hydro-static
1	132.18	109.26	Open To Flow (1)
17	162.68	109.95	Shut-In (1)
46	1914.70	111.36	End Shut-In (1)
47	201.97	110.79	Open To Flow (2)
56	198.40	111.53	Shut-In (2)
57	2283.67	112.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
308.00	SGCM 2%G 98%M	2.15

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Advantage Resources

Keller C #1

1775 Sherman St Ste 1700
Denver CO 80203

25 28S 18W Kiowa KS

Job Ticket: 27923

DST#: 1

ATTN: Jon Christensen

Test Start: 2007.06.29 @ 18:10:48

Tool Information

Drill Pipe:	Length: 4518.00 ft	Diameter: 3.80 inches	Volume: 63.38 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: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	64.55 bbl	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4753.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Circulating sub	1.00			4725.00	
Change Over Sub	1.00			4726.00	
Shut In Tool	5.00			4731.00	
Hydraulic tool	5.00			4736.00	
Jars	5.00			4741.00	
Safety Joint	3.00			4744.00	
Packer	5.00			4749.00	29.00 Bottom Of Top Packer
Packer	4.00			4753.00	
Stubb	1.00			4754.00	
Recorder	0.00	6752	Inside	4754.00	
Perforations	21.00			4775.00	
Recorder	0.00	6704	Outside	4775.00	
Bullnose	3.00			4778.00	25.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Advantage Resources

Keller C #1

1775 Sherman St Ste 1700
Denver CO 80203

25 28S 18W Kiowa KS

Job Ticket: 27923

DST#: 1

ATTN: Jon Christensen

Test Start: 2007.06.29 @ 18:10:48

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 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 bbl
308.00	SGCM 2%G 98%M	2.152

Total Length: 308.00 ft

Total Volume: 2.152 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

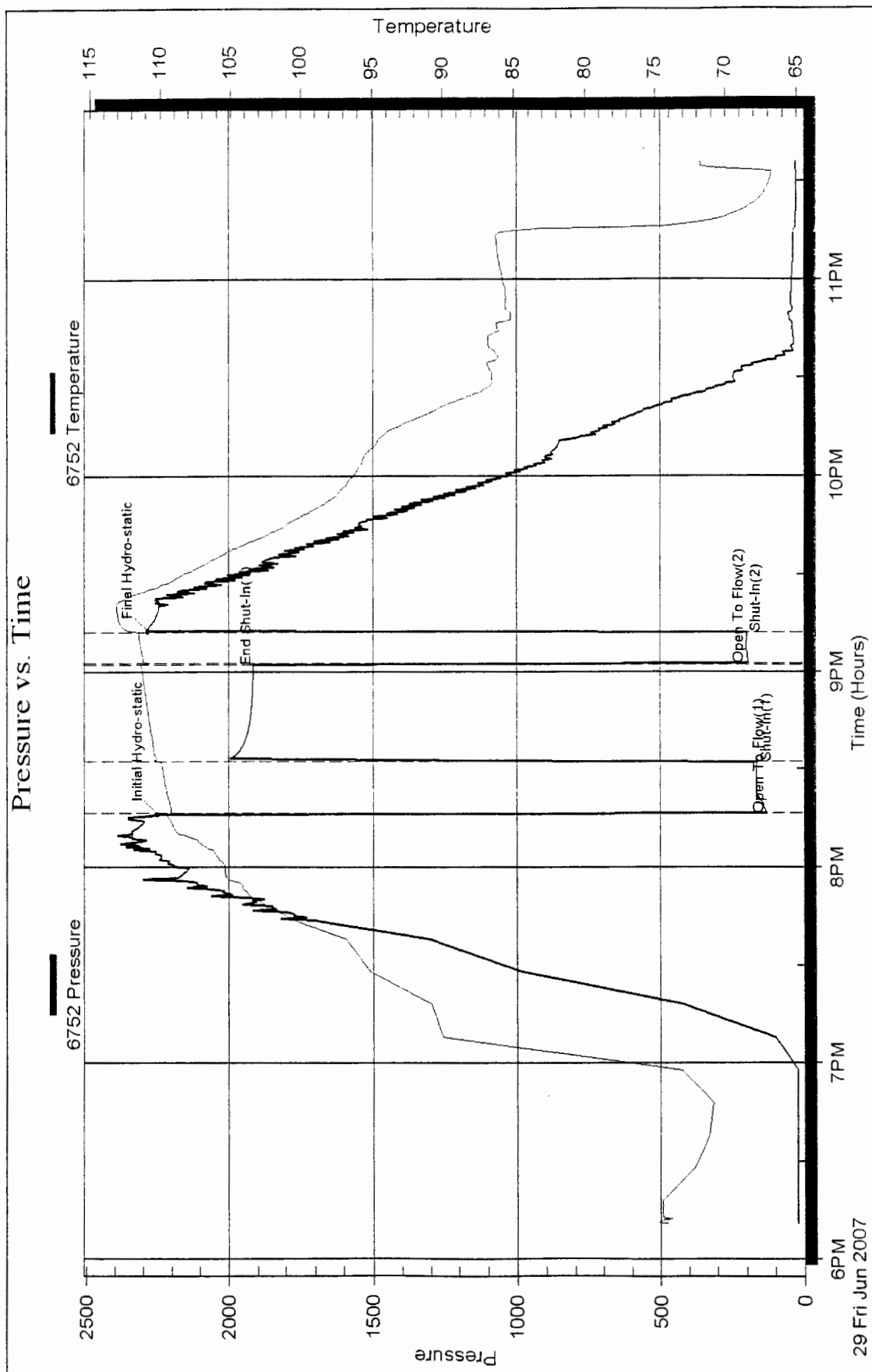
Serial #:

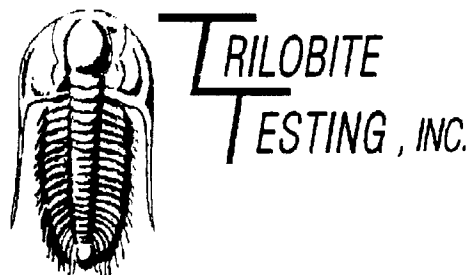
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Advantage Resources**

1775 Sherman St Ste 1700
Denver CO 80203

ATTN: Jon Christensen

25 28S 18W Kiowa KS

Keller C #1

Start Date: 2007.06.30 @ 11:14:07

End Date: 2007.06.30 @ 19:30:37

Job Ticket #: 27924 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

Advantage Resources

1775 Sherman St Ste 1700
Denver CO 80203

ATTN: Jon Christensen

Keller C #1

25 28S 18W Kiowa KS

Job Ticket: 27924

DST#: 2

Test Start: 2007.06.30 @ 11:14:07

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:52

Time Test Ended: 19:30:37

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **4812.00 ft (KB) To 4846.00 ft (KB) (TVD)**

Total Depth: 4846.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2229.00 ft (KB)

2224.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: 65.31 psig @ 4813.00 ft (KB)

Start Date: 2007.06.30

End Date:

2007.06.30

Start Time: 11:14:12

End Time:

19:30:36

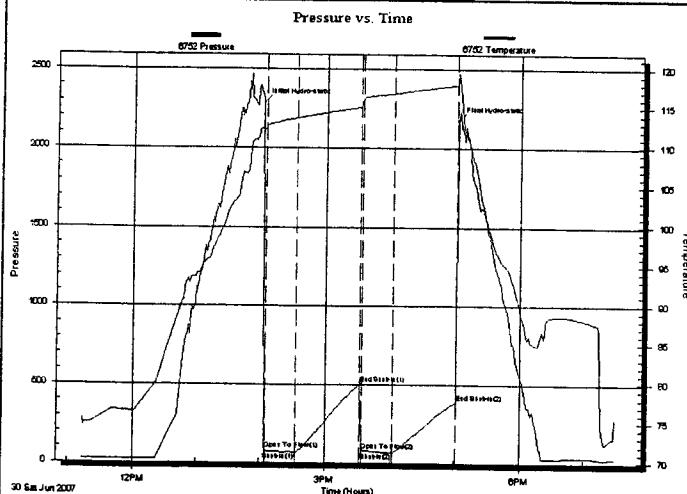
Capacity: 7000.00 psig

Last Calib.: 2007.06.30

Time On Btm: 2007.06.30 @ 14:02:22

Time Off Btm: 2007.06.30 @ 17:02:21

TEST COMMENT: IF Strong Blow BOB in 16 minutes
ISI Bled Off No Blowback
FF Strong Blow BOB in 5 minutes
FSI Bled Off No Blowback



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.92	112.40	Initial Hydro-static
3	82.04	112.65	Open To Flow (1)
31	65.73	113.69	Shut-In (1)
90	505.56	115.11	End Shut-In (1)
91	78.07	116.16	Open To Flow (2)
120	65.31	116.82	Shut-In (2)
180	392.00	117.92	End Shut-In (2)
180	2176.32	118.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3460 Feet GIP	0.00
65.00	GSY SOSM 4%G -1%O +95%M	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Advantage Resources

1775 Sherman St Ste 1700
Denver CO 80203

ATTN: Jon Christensen

Keller C #1

25 28S 18W Kiowa KS

Job Ticket: 27924

DST#: 2

Test Start: 2007.06.30 @ 11:14:07

Tool Information

Drill Pipe:	Length: 4550.00 ft	Diameter: 3.80 inches	Volume: 63.82 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: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	86000.00 lb
		Total Volume:	64.99 bbl	Tool Chased	ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4812.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4782.00	
Change Over Sub	1.00			4783.00	
Shut In Tool	5.00			4788.00	
Sampler	2.00			4790.00	
Hydraulic tool	5.00			4795.00	
Jars	5.00			4800.00	
Safety Joint	3.00			4803.00	
Packer	5.00			4808.00	31.00 Bottom Of Top Packer
Packer	4.00			4812.00	
Stubb	1.00			4813.00	
Recorder	0.00	6752	Inside	4813.00	
Perforations	30.00			4843.00	
Recorder	0.00	6704	Outside	4843.00	
Bullnose	3.00			4846.00	34.00 Bottom Packers & Anchor
Total Tool Length:		65.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Advantage Resources

Keller C #1

1775 Sherman St Ste 1700
Denver CO 80203

25 28S 18W Kiowa KS

Job Ticket: 27924

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.06.30 @ 11:14:07

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 68.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 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
0.00	3460 Feet GIP	0.000
65.00	GSY SOSM 4%G -1%O +95%M	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:

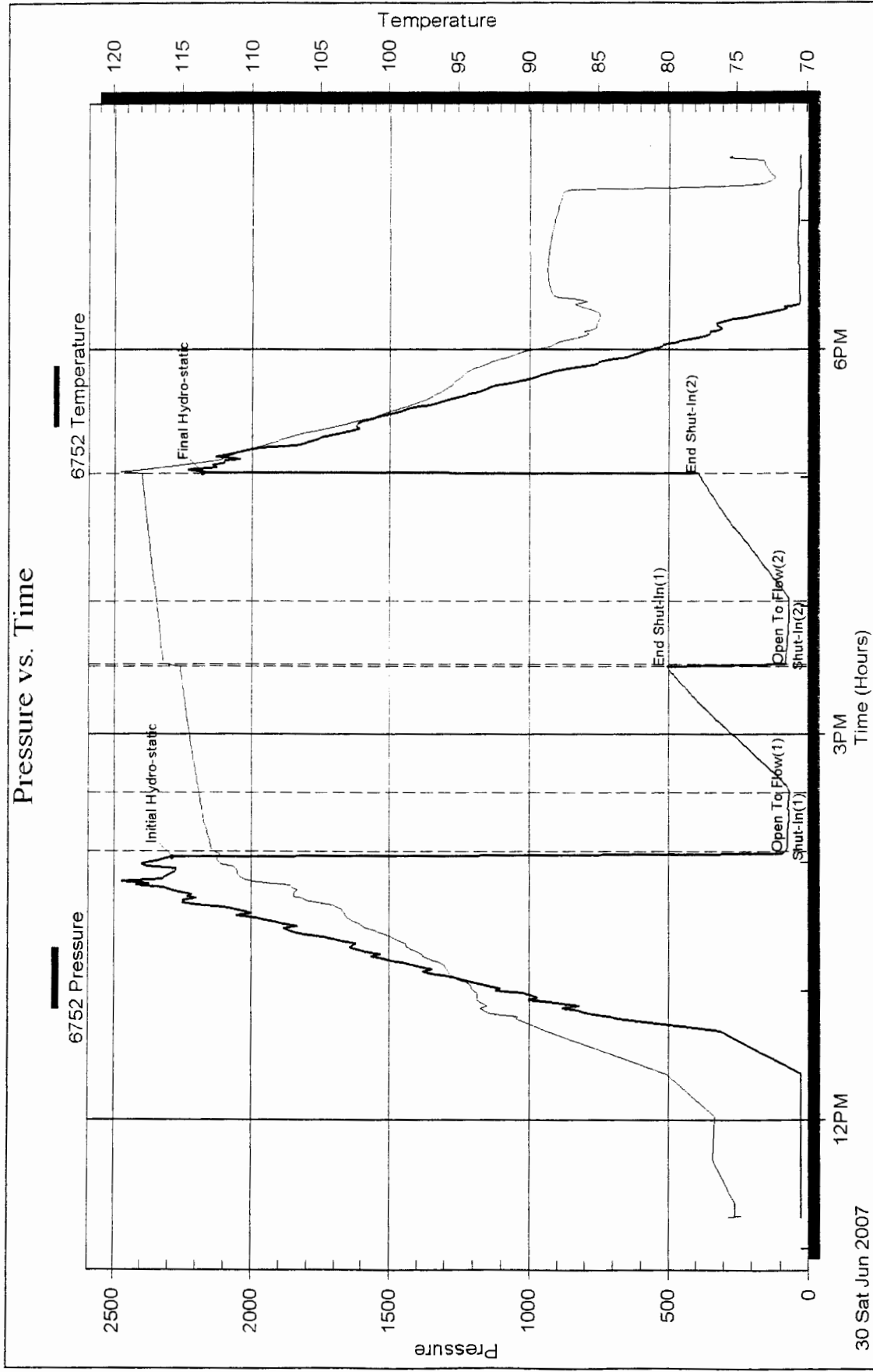


CHART PAGE

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

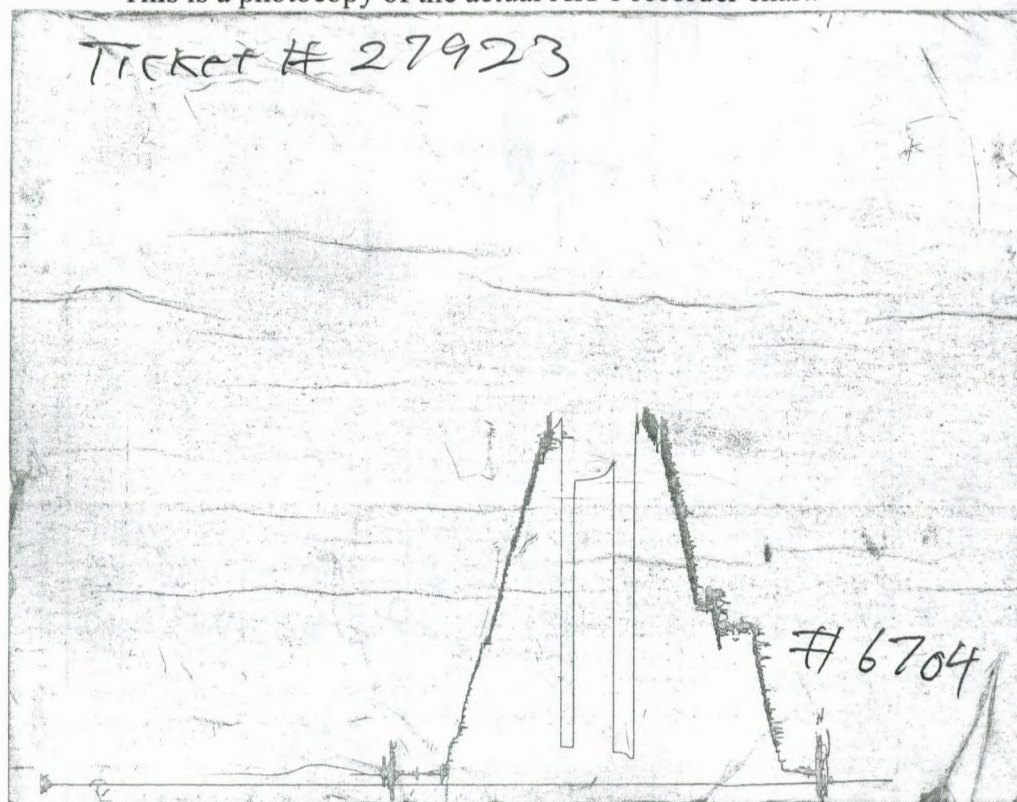


CHART PAGE

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

