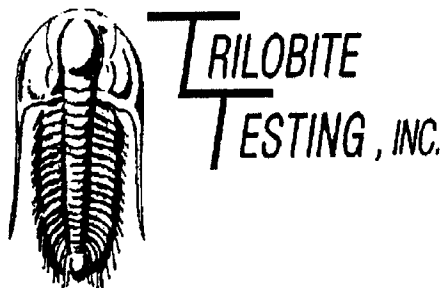


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KANSAS CORPORATION COMMISSION

SEP 22 2006

CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co**

125 N Market Ste 1000
Wichita KS 67202

ATTN: Curtis Covey

8 34S13W Barber KS

Blunk #2

Start Date: 2006.06.04 @ 02:31:33

End Date: 2006.06.04 @ 12:53:03

Job Ticket #: 24854 DST #: 1

Woolsey Operating Co

Blunk #2

8 34S13W Barber KS

DST # 1

Miss.

2006.06.04

KCC
SEP 22 2006
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Curtis Covey

Blunk #2

8 34S13W Barber KS

Job Ticket: 24854

DST#: 1

Test Start: 2006.06.04 @ 02:31:33

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 05:25:33

Time Test Ended: 12:53:03

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **4699.00 ft (KB) To 4781.00 ft (KB) (TVD)**

Total Depth: **4781.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1889.00 ft (KB)**

1878.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6771**

Inside

Press@RunDepth: **28.37 psig @ 4700.00 ft (KB)**

Start Date: **2006.06.04**

End Date: **2006.06.04**

Capacity: **7000.00 psig**

Last Calib.: **2006.06.04**

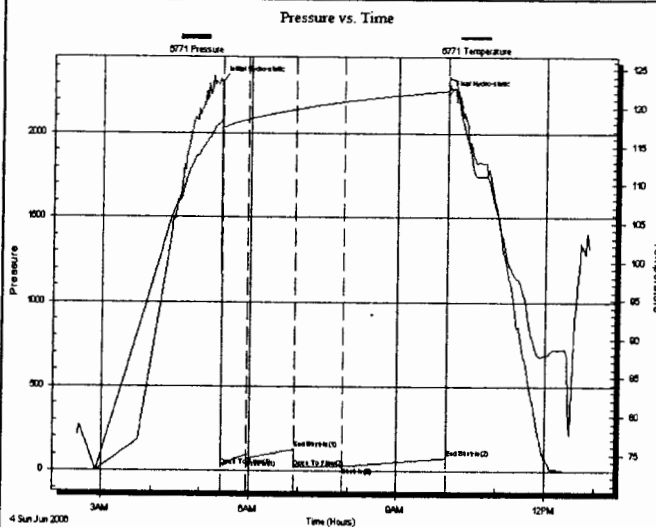
Start Time: **02:31:38**

End Time: **12:53:03**

Time On Btm: **2006.06.04 @ 05:25:03**

Time Off Btm: **2006.06.04 @ 10:00:32**

TEST COMMENT: **F** Weak blow 1/2 in decreasing
ISI No blo
FF Weak blow 3/4 in decreasing Dead in 42 min
FSI No blow



PRESSURE SUMMARY

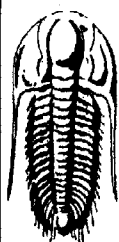
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.34	118.37	Initial Hydro-static
1	25.63	117.62	Open To Flow (1)
32	70.08	118.49	Shut-In(1)
90	126.80	119.79	End Shut-In(1)
90	22.62	119.76	Open To Flow (2)
150	28.37	120.80	Shut-In(2)
276	78.12	122.21	End Shut-In(2)
276	2230.79	122.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co

Blunk #2

125 N Market Ste 1000
Wichita KS 67202

8 34S13W Barber KS

Job Ticket: 24854

DST#: 1

ATTN: Curtis Covey

Test Start: 2006.06.04 @ 02:31:33

Tool Information

Drill Pipe: Length: 4671.00 ft Diameter: 3.80 inches Volume: 65.52 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 30.00 ft Diameter: 2.25 inches Volume: 0.15 bbl
Total Volume: 65.67 bbl
Drill Pipe Above KB: 29.00 ft
Depth to Top Packer: 4699.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 82.00 ft
Tool Length: 109.00 ft
Number of Packers: 2 Diameter: 6.75 inches

Tool Weight: 2100.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 68000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 58000.00 lb
Final 57000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4673.00	
Shut In Tool	5.00			4678.00	
Hydraulic tool	5.00			4683.00	
Jars	5.00			4688.00	
Safety Joint	2.00			4690.00	
Packer	4.00			4694.00	27.00 Bottom Of Top Packer
Packer	5.00			4699.00	
Stubb	1.00			4700.00	
Recorder	0.00	6771	Inside	4700.00	
Perforations	7.00			4707.00	
Change Over Sub	1.00			4708.00	
Blank Spacing	63.00			4771.00	
Change Over Sub	1.00			4772.00	
Perforations	4.00			4776.00	
Recorder	0.00	13222	Outside	4776.00	
Bullnose	5.00			4781.00	82.00 Bottom Packers & Anchor
Total Tool Length:		109.00			

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

Blunk #2

125 N Market Ste 1000
Wichita KS 67202

8 34S13W Barber KS

Job Ticket: 24854

DST#: 1

ATTN: Curtis Covey

Test Start: 2006.06.04 @ 02:31:33

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:

4000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

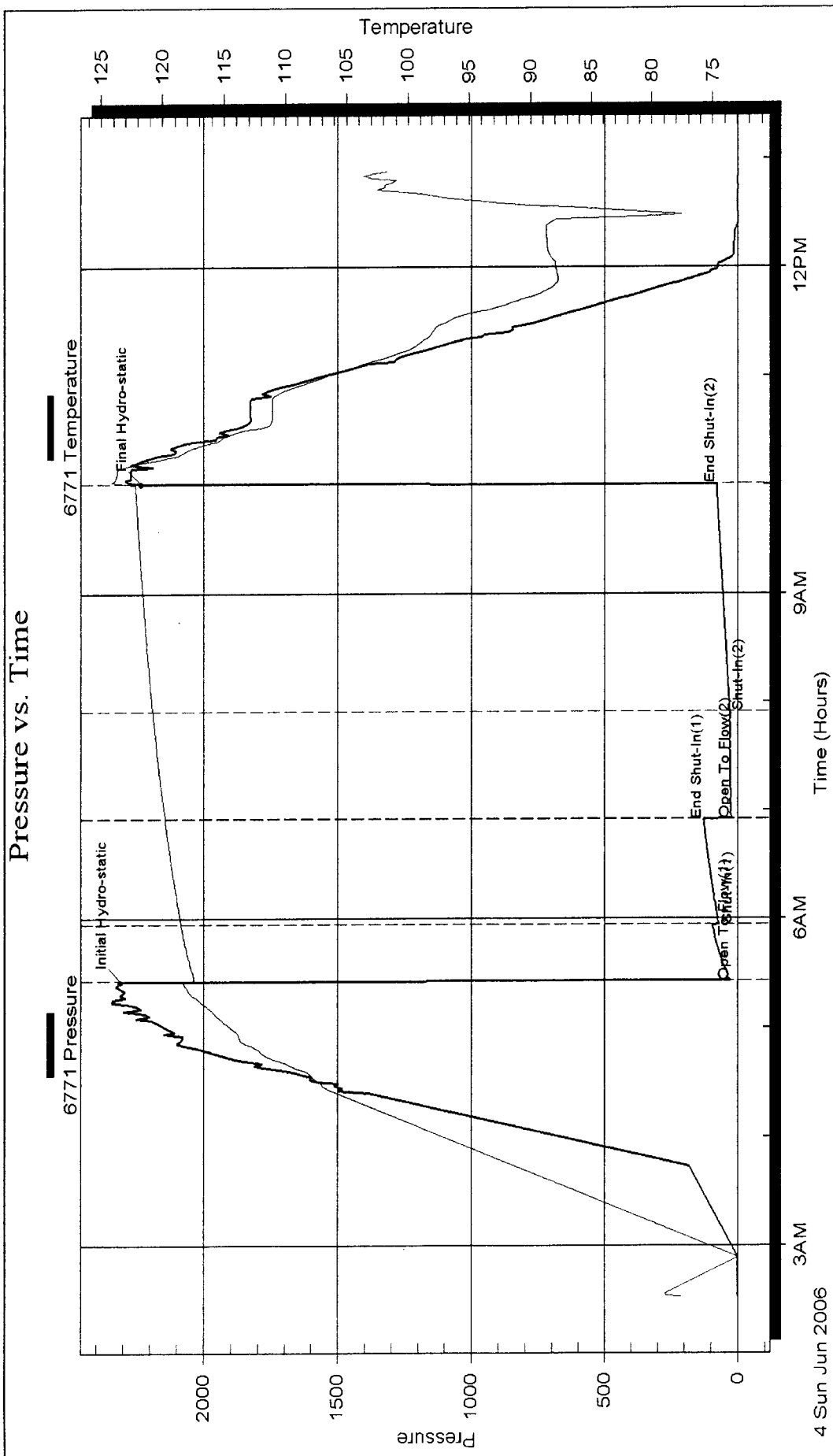
Serial #: none

Laboratory Name:

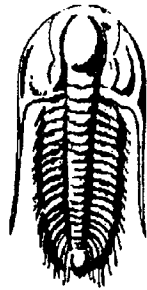
Laboratory Location:

Recovery Comments:

Pressure vs. Time



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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co**

125 N Market Ste 1000
Wichita KS 67202

ATTN: Curtis Covey

8 34S13W Barber KS

Blunk #2

Start Date: 2006.06.05 @ 06:19:00

End Date: 2006.06.05 @ 17:43:30

Job Ticket #: 24855 DST #: 2

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

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Curtis Covey

Blunk #2

8 34S13W Barber KS

Job Ticket: 24855

DST#: 2

Test Start: 2006.06.05 @ 06:19:00

GENERAL INFORMATION:

Formation: **Miss JOsage**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:18:15

Time Test Ended: 17:43:30

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4796.00 ft (KB) To 4889.00 ft (KB) (TVD)**

Total Depth: **4889.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1889.00 ft (KB)**

1878.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6771**

Inside

Press@RunDepth: **34.23 psig @ 4797.00 ft (KB)**

Start Date: **2006.06.05**

End Date:

2006.06.05

Start Time: **06:19:05**

End Time:

17:43:30

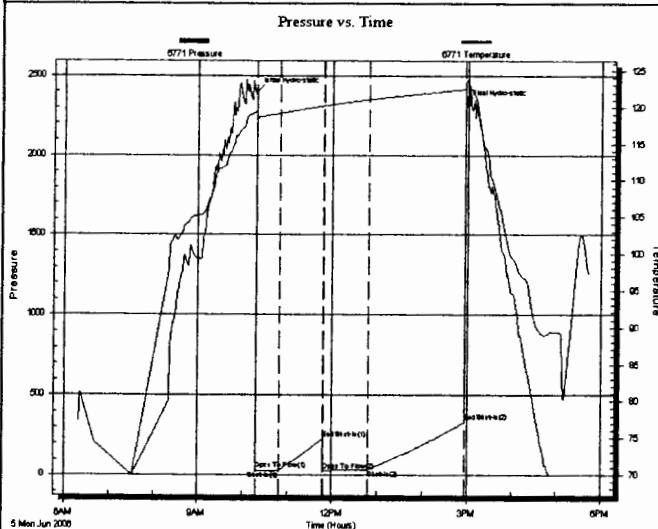
Capacity: **7000.00 psig**

Last Calib.: **2006.06.05**

Time On Btm: **2006.06.05 @ 10:18:00**

Time Off Btm: **2006.06.05 @ 14:56:30**

TEST COMMENT: **IF Weak to fair blow Slow increase to 7 in**
ISI No blow
FF Fair blow 4 - 11 in
FF No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2393.21	119.38	Initial Hydro-static
1	30.87	118.60	Open To Flow (1)
32	29.01	119.18	Shut-In(1)
90	225.86	120.21	End Shut-In(1)
91	27.56	120.18	Open To Flow (2)
151	34.23	121.06	Shut-In(2)
279	334.26	122.48	End Shut-In(2)
279	2320.45	123.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	SGCM 5%G 95%M	0.29
0.00	205' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co

Blunk #2

125 N Market Ste 1000
Wichita KS 67202

8 34S13W Barber KS

Job Ticket: 24855

DST#: 2

ATTN: Curtis Covey

Test Start: 2006.06.05 @ 06:19:00

Tool Information

Drill Pipe:	Length: 4759.00 ft	Diameter: 3.80 inches	Volume: 66.76 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 67000.00 lb
			Total Volume: 66.91 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4796.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	120.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4770.00	
Shut In Tool	5.00			4775.00	
Hydraulic tool	5.00			4780.00	
Jars	5.00			4785.00	
Safety Joint	2.00			4787.00	
Packer	4.00			4791.00	27.00 Bottom Of Top Packer
Packer	5.00			4796.00	
Stubb	1.00			4797.00	
Recorder	0.00	6771	Inside	4797.00	
Perforations	7.00			4804.00	
Change Over Sub	1.00			4805.00	
Blank Spacing	63.00			4868.00	
Change Over Sub	1.00			4869.00	
Perforations	15.00			4884.00	
Recorder	0.00	13222	Outside	4884.00	
Bullnose	5.00			4889.00	93.00 Bottom Packers & Anchor
Total Tool Length:	120.00				

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

Blunk #2

125 N Market Ste 1000
Wichita KS 67202

8 34S13W Barber KS

Job Ticket: 24855

DST#: 2

ATTN: Curtis Covey

Test Start: 2006.06.05 @ 06:19:00

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:

5000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SGCM 5%G 95%M	0.288
0.00	205' GIP	0.000

Total Length: 40.00 ft

Total Volume: 0.288 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

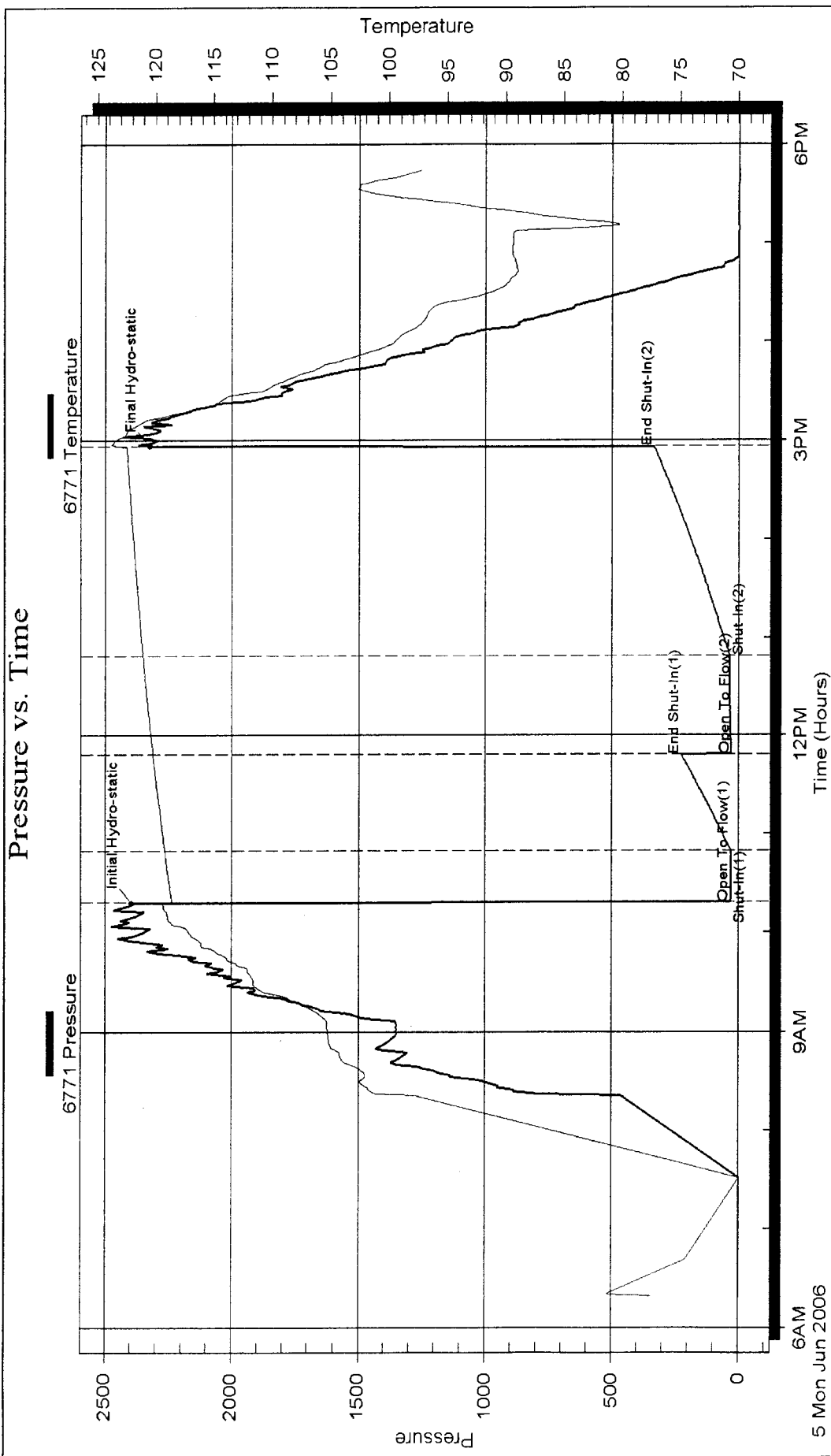
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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