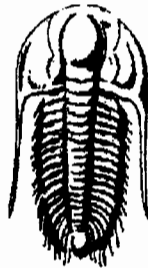


15-007-20555-0001

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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: Mike Maune

30-33s-10w Barber-KS

Stewart Trust "A" #2

Start Date: 2006.03.04 @ 18:40:26

End Date: 2006.03.05 @ 05:49:11

Job Ticket #: 24348

DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

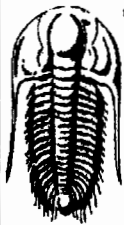
JUN 29 2006

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

Woolsey Operating Co.

125 N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

Stewart Trust "A" #2

30-33s-10w Barber-KS

Job Ticket: 24348

DST#: 1

Test Start: 2006.03.04 @ 18:40:26

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:41

Time Test Ended: 05:49:11

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 30

Interval: 4908.00 ft (KB) To 4920.00 ft (KB) (TVD)

Total Depth: 4920.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1523.00 ft (KB)

1513.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6668

Inside

Press@RunDepth: 38.85 psig @ 4909.00 ft (KB)

Start Date: 2006.03.04

End Date: 2006.03.05

Start Time: 18:40:27

End Time: 05:49:11

Capacity: 7000.00 psig

Last Calib.: 2006.03.05

Time On Btm: 2006.03.04 @ 21:54:56

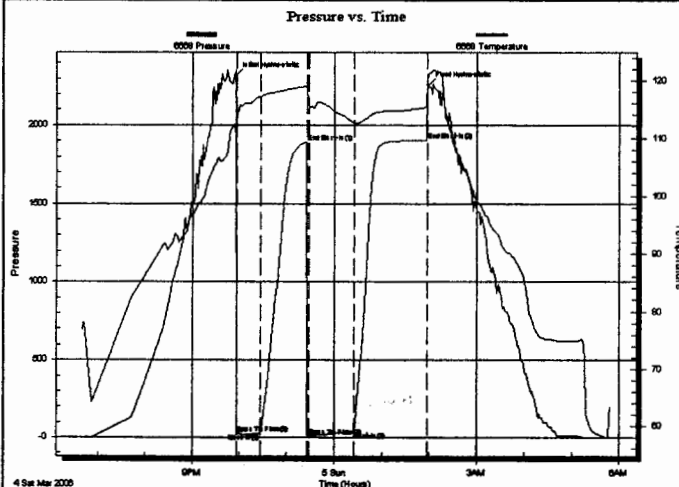
Time Off Btm: 2006.03.05 @ 01:57:56

TEST COMMENT: IF: Weak blow building to a strong BOB blow in 17 minutes.

IS: Bled off, no blow back.

FF: Strong blow building to BOB in 5 seconds.

FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.59	110.78	Initial Hydro-static
2	26.52	113.20	Open To Flow (1)
32	24.30	117.12	Shut-In(1)
91	1890.80	119.10	End Shut-In(1)
94	7.44	115.74	Open To Flow (2)
151	38.85	112.61	Shut-In(2)
242	1901.83	115.40	End Shut-In(2)
243	2256.88	120.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	GCMCO 20%g5%w 20%m55%o	0.39
0.00	2200' GIP	0.00
0.00	No check on RW or gravity	0.00
0.00	due to lack of fluid.	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.

125 N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

Stewart Trust "A" #2

30-33s-10w Barber-KS

Job Ticket: 24348

DST#: 1

Test Start: 2006.03.04 @ 18:40:26

Tool Information

Drill Pipe:	Length: 4721.00 ft	Diameter: 3.80 inches	Volume: 66.22 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 100000.0 lb
			Total Volume: 67.13 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4908.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4886.00	
Hydraulic tool	5.00			4891.00	
Jars	5.00			4896.00	
Safety Joint	2.00			4898.00	
Packer	5.00			4903.00	27.00 Bottom Of Top Packer
Packer	5.00			4908.00	
Stubb	1.00			4909.00	
Recorder	0.00	6668	Inside	4909.00	
Perforations	8.00			4917.00	
Recorder	0.00	13266	Outside	4917.00	
Bullnose	3.00			4920.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

Stewart Trust "A" #2

125 N. Market Ste 1000
Wichita, KS 67202

30-33s-10w Barber-KS

Job Ticket: 24348

DST#: 1

ATTN: Mike Maune

Test Start: 2006.03.04 @ 18:40:26

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	GCMMD 20%g5%w 20%m55%o	0.393
0.00	2200' GIP	0.000
0.00	No check on RW or gravity	0.000
0.00	due to lack of fluid.	0.000

Total Length: 80.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

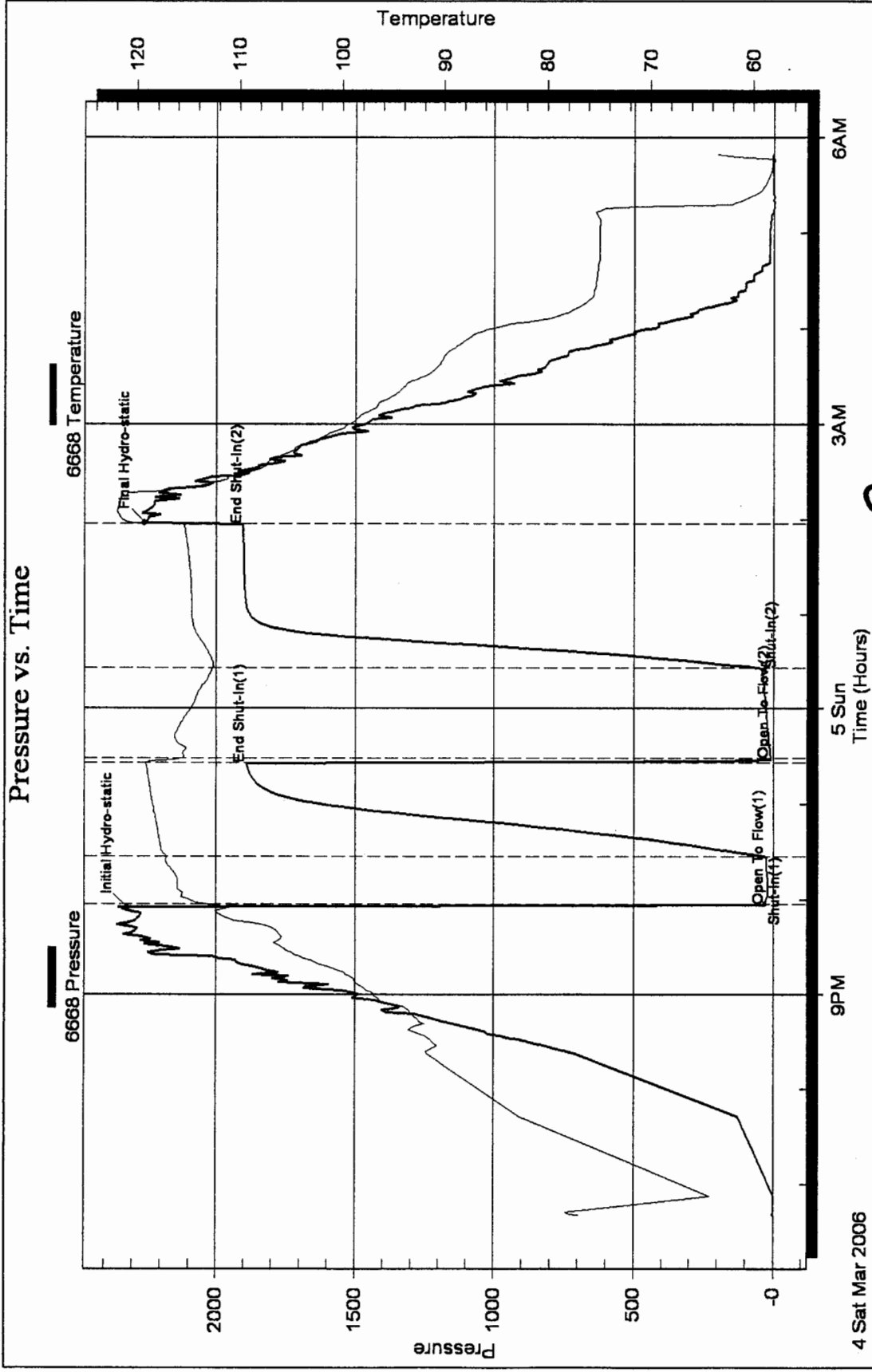
Serial #:

Laboratory Name:

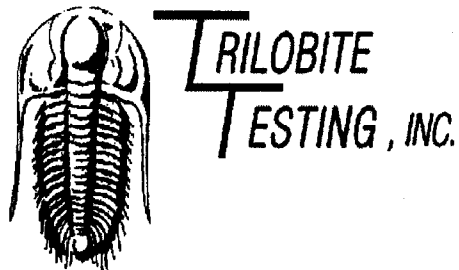
Laboratory Location:

Recovery Comments:

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.**

125 N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

30-33s-10w Barber-KS

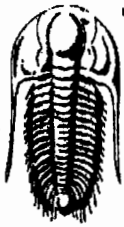
Stewart Trust "A" #2

Start Date: 2006.03.05 @ 20:03:16

End Date: 2006.03.06 @ 04:07:16

Job Ticket #: 24349 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

Woolsey Operating Co.

125-N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

Stewart Trust "A" #2

30-33s-10w Barber-KS

Job Ticket: 24349

DST#: 2

Test Start: 2006.03.05 @ 20:03:16

GENERAL INFORMATION:

Formation: **Simpson**

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

Time Tool Opened: 22:40:01

Time Test Ended: 04:07:16

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **30**

Interval: **4990.00 ft (KB) To 5010.00 ft (KB) (TVD)**

Total Depth: **5010.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1523.00 ft (KB)**

1513.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **6668** Inside

Press@RunDepth: **25.04 psig @ 4991.00 ft (KB)**

Start Date: **2006.03.05**

End Date:

2006.03.06

Start Time: **20:03:17**

End Time:

04:07:16

Capacity: **7000.00 psig**

Last Calib.: **2006.03.06**

Time On Btm: **2006.03.05 @ 22:36:16**

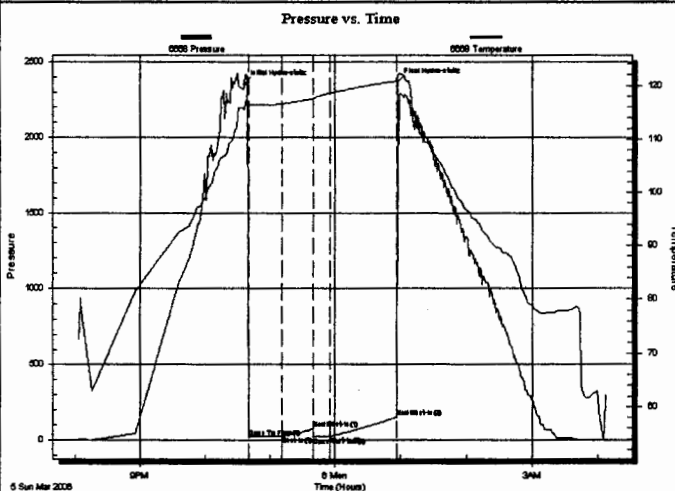
Time Off Btm: **2006.03.06 @ 00:57:16**

TEST COMMENT: IF: Weak blow, died after 4 minutes. Flushed tool, no blow.

IS: No blow back.

FF: Weak blow, died after 5 minutes.

FS: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2352.30	115.48	Initial Hydro-static
4	21.11	116.36	Open To Flow (1)
35	23.89	116.57	Shut-In(1)
64	74.09	117.53	End Shut-In(1)
65	21.19	117.49	Open To Flow (2)
80	25.04	118.56	Shut-In(2)
140	152.13	120.79	End Shut-In(2)
141	2367.23	121.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling Mud	0.10
0.00	No 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.

125 N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

Stewart Trust "A" #2

30-33s-10w Barber-KS

Job Ticket: 24349

DST#: 2

Test Start: 2006.03.05 @ 20:03:16

Tool Information

Drill Pipe:	Length: 4787.00 ft	Diameter: 3.80 inches	Volume: 67.15 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 68.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4990.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4968.00	
Hydraulic tool	5.00			4973.00	
Jars	5.00			4978.00	
Safety Joint	2.00			4980.00	
Packer	5.00			4985.00	27.00 Bottom Of Top Packer
Packer	5.00			4990.00	
Stubb	1.00			4991.00	
Recorder	0.00	6668	Inside	4991.00	
Perforations	16.00			5007.00	
Recorder	0.00	13266	Outside	5007.00	
Bullnose	3.00			5010.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

125 N. Market Ste 1000
Wichita, KS 67202

ATTN: Mike Maune

Stewart Trust "A" #2

30-33s-10w Barber-KS

Job Ticket: 24349

DST#: 2

Test Start: 2006.03.05 @ 20:03:16

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 5800.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling Mud	0.098
0.00	No GIP	0.000

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

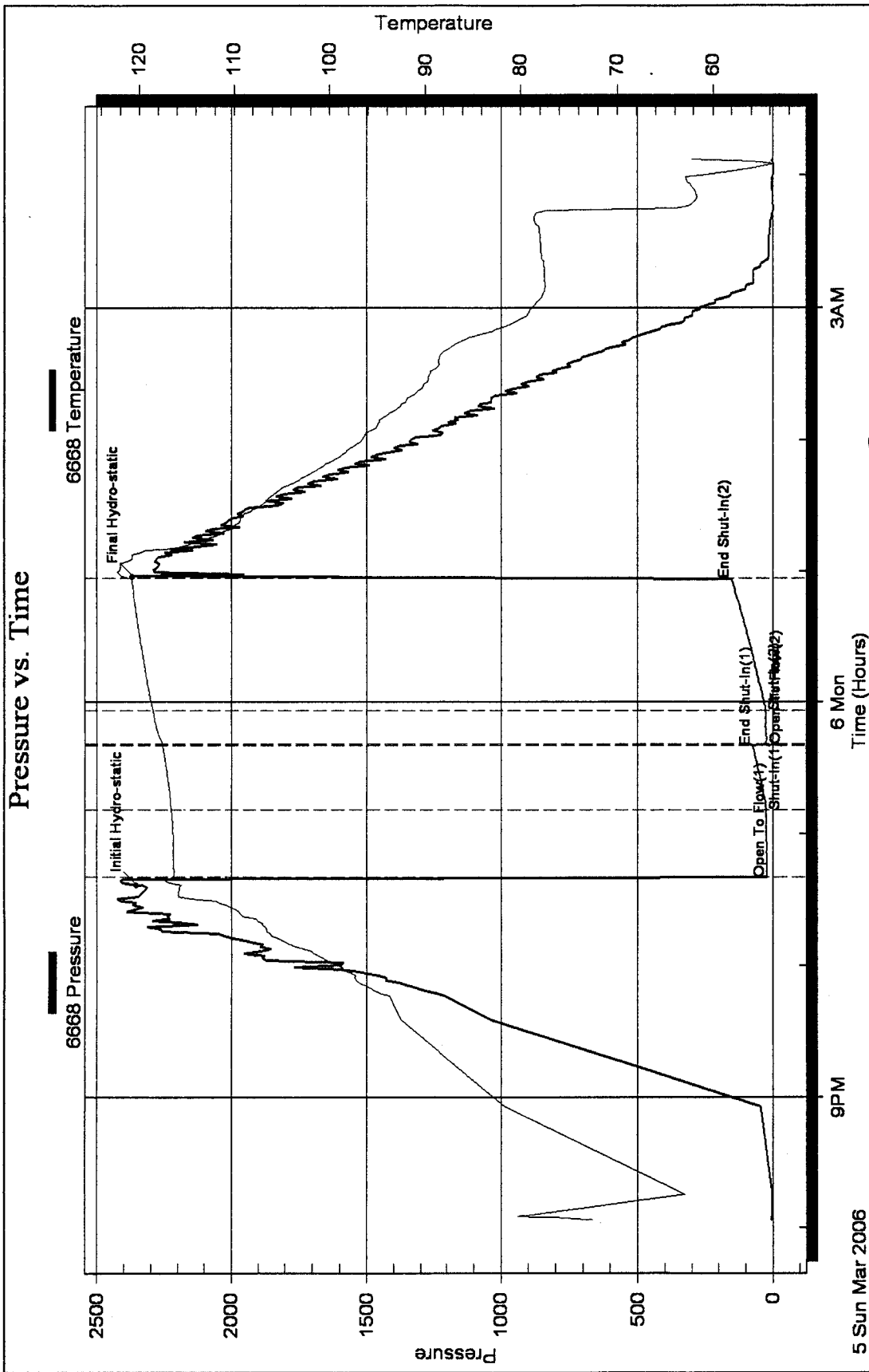
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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