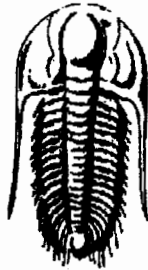


15-007-22978

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 15 2006
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

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JUN 15 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Company LLC**

125 N. Market Ste 1000 Wichita KS 67202

ATTN: Mike Maune

20/33/10

Stewart Trust A #1

Start Date: 2006.02.23 @ 23:33:14

End Date: 2006.02.24 @ 09:42:14

Job Ticket #: 22926 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

Woolsey Operating Company LLC

125 N. Market Ste 1000 Wichita KS 67202

ATTN: Mike Maune

Stewart Trust A #1

20/33/10

Job Ticket: 22926

DST#: 1

Test Start: 2006.02.23 @ 23:33:14

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:49:29

Time Test Ended: 09:42:14

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4583.00 ft (KB) To 4625.00 ft (KB) (TVD)

Total Depth: 4625.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 1539.00 ft (KB)

1527.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6751

Inside

Press@RunDepth: 75.52 psig @ 4618.00 ft (KB)

Start Date: 2006.02.23

End Date:

2006.02.24

Start Time: 23:33:15

End Time:

09:42:14

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.02.24 @ 02:45:44

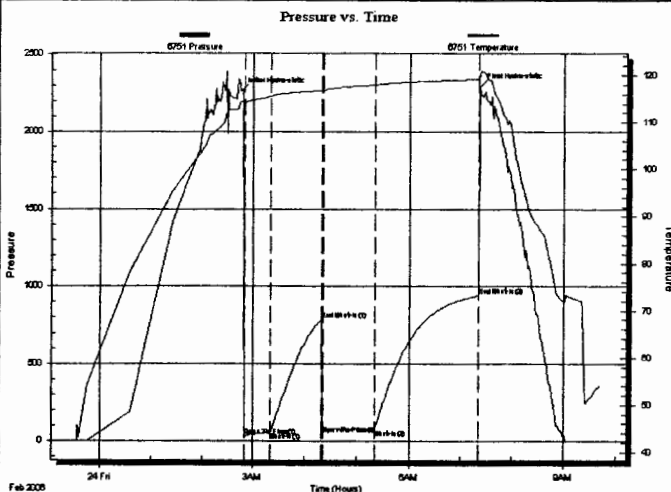
Time Off Btm: 2006.02.24 @ 07:21:59

TEST COMMENT: IF- Good to strong blow, BOB 5 min, NO GTS.

IS- No blow back.

FF- Strong blow, BOB ASAO, NO GTS.

FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.49	114.23	Initial Hydro-static
4	31.33	113.91	Open To Flow (1)
34	58.79	115.51	Shut-In(1)
94	786.38	116.77	End Shut-In(1)
96	48.58	116.52	Open To Flow (2)
155	75.52	117.97	Shut-In(2)
276	939.31	119.20	End Shut-In(2)
277	2293.95	120.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1700 GIP	0.00
62.00	TR gas, TR oil, 100 % mud.	0.30
62.00	2% gas, 2% oil, 95% mud.	0.30
61.00	5% gas, 5% oil, 90% mud.	0.30

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 Company LLC

Stewart Trust A #1

125 N. Market Ste 1000 Wichita KS 67202

20/33/10

Job Ticket: 22926

DST#: 1

ATTN: Mike Maune

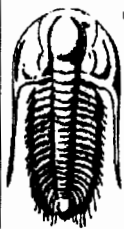
Test Start: 2006.02.23 @ 23:33:14

Tool Information

Drill Pipe:	Length: 4385.00 ft	Diameter: 3.80 inches	Volume: 61.51 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: 25000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 62.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4583.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	69.00 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	
Change Over Sub	1.00			4557.00		
Shut In Tool	5.00			4562.00		
Hydraulic tool	5.00			4567.00		
Jars	5.00			4572.00		
Safety Joint	2.00			4574.00		
Packer	5.00			4579.00	27.00	Bottom Of Top Packer
Packer	4.00			4583.00		
Stubb	1.00			4584.00		
Perforations	1.00			4585.00		
Change Over Sub	1.00			4586.00		
Drill Pipe	31.00			4617.00		
Change Over Sub	1.00			4618.00		
Recorder	0.00	6751	Inside	4618.00		
Perforations	3.00			4621.00		
Recorder	0.00	6724	Outside	4621.00		
Bullnose	4.00			4625.00	42.00	Bottom Packers & Anchor
Total Tool Length:	69.00					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Company LLC

Stewart Trust A #1

125 N. Market Ste 1000 Wichita KS 67202

20/33/10.

Job Ticket: 22926

DST#: 1

ATTN: Mike Maune

Test Start: 2006.02.23 @ 23:33:14

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: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1700 GIP	0.000
62.00	TR gas, TR oil, 100 % mud.	0.305
62.00	2% gas, 2% oil, 95% mud.	0.305
61.00	5% gas, 5% oil, 90% mud.	0.300

Total Length: 185.00 ft

Total Volume: 0.910 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

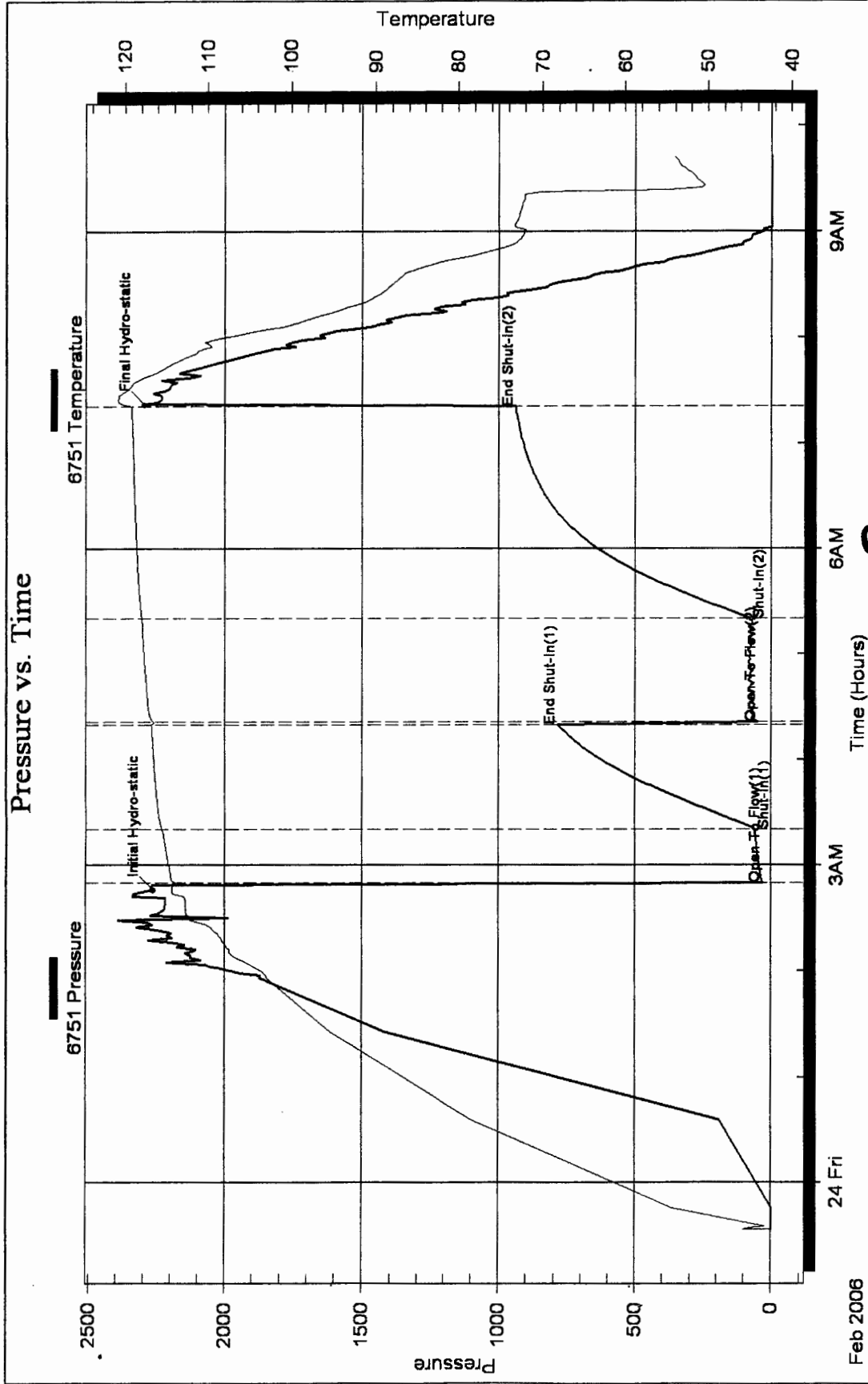
Serial #:

Laboratory Name:

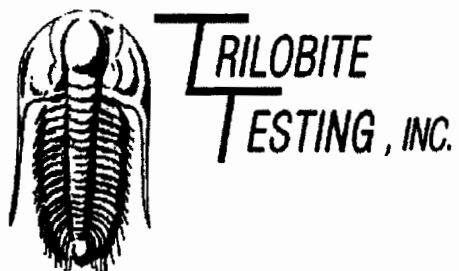
Laboratory Location:

Recovery Comments:

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Company LLC**

125 N. Market Ste 1000 Wichita KS 67202

ATTN: Mike Maune

20/33/10

Stewart Trust A #1

Start Date: 2006.02.24 @ 21:31:15

End Date: 2006.02.25 @ 07:08:15

Job Ticket #: 23474 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 Company LLC

125 N. Market Ste 1000 Wichita KS 67202

ATTN: Mike Maune

Stewart Trust A #1

20/33/10

Job Ticket: 23474

DST#: 2

Test Start: 2006.02.24 @ 21:31:15

GENERAL INFORMATION:

Formation: **Lower Mississippi**

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

Time Tool Opened: 00:26:45

Time Test Ended: 07:08:15

Test Type: **Conventional Bottom Hole**

Tester: **Gerald Adams**

Unit No: **19**

Interval: **4626.00 ft (KB) To 4684.00 ft (KB) (TVD)**

Total Depth: **4684.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Poor**

Reference Elevations: **1539.00 ft (KB)**

1527.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **112.43 psig @ 4628.00 ft (KB)**

Start Date: **2006.02.24**

End Date: **2006.02.25**

Start Time: **21:31:16**

End Time: **07:08:15**

Capacity: **7000.00 psig**

Last Calib.: **2006.02.25**

Time On Btm: **2006.02.25 @ 00:25:15**

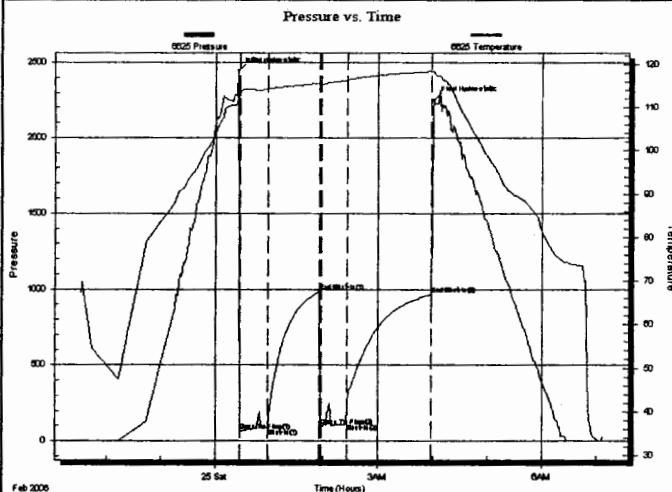
Time Off Btm: **2006.02.25 @ 04:00:15**

TEST COMMENT: **IF: Weak blow. Built to 3".**

IS: No blow.

FF: No blow.

FSI: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2445.10	111.71	Initial Hydro-static
2	61.16	112.85	Open To Flow (1)
33	85.39	114.27	Shut-In(1)
91	984.05	115.64	End Shut-In(1)
93	92.86	115.43	Open To Flow (2)
121	112.43	116.35	Shut-In(2)
213	965.19	118.39	End Shut-In(2)
215	2250.37	118.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	Drilling Mud	0.64

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 Company LLC

Stewart Trust A #1

125 N. Market Ste 1000 Wichita KS 67202

20/33/10

Job Ticket: 23474

DST#: 2

ATTN: Mike Maune

Test Start: 2006.02.24 @ 21:31:15

Tool Information

Drill Pipe:	Length: 4352.00 ft	Diameter: 3.80 inches	Volume: 61.05 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 130000.0 lb
			Total Volume: 62.27 bbl	Tool Chased 12.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4626.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Slid tool 12' to bottom.				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4603.00	
Hydraulic tool	5.00			4608.00	
Jars	5.00			4613.00	
Safety Joint	3.00			4616.00	
Packer	5.00			4621.00	28.00 Bottom Of Top Packer
Packer	5.00			4626.00	
Stubb	1.00			4627.00	
Change Over Sub	1.00			4628.00	
Recorder	0.00	6625	Inside	4628.00	
Blank Spacing	32.00			4660.00	
Change Over Sub	1.00			4661.00	
Perforations	20.00			4681.00	
Recorder	0.00	11019	Outside	4681.00	
Bullnose	3.00			4684.00	58.00 Bottom Packers & Anchor

Total Tool Length: 86.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Company LLC

Stewart Trust A #1

125 N. Market Ste 1000 Wichita KS 67202

20/33/10

Job Ticket: 23474

DST#: 2

ATTN: Mike Maune

Test Start: 2006.02.24 @ 21:31:15

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:

8000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Drilling Mud	0.639

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

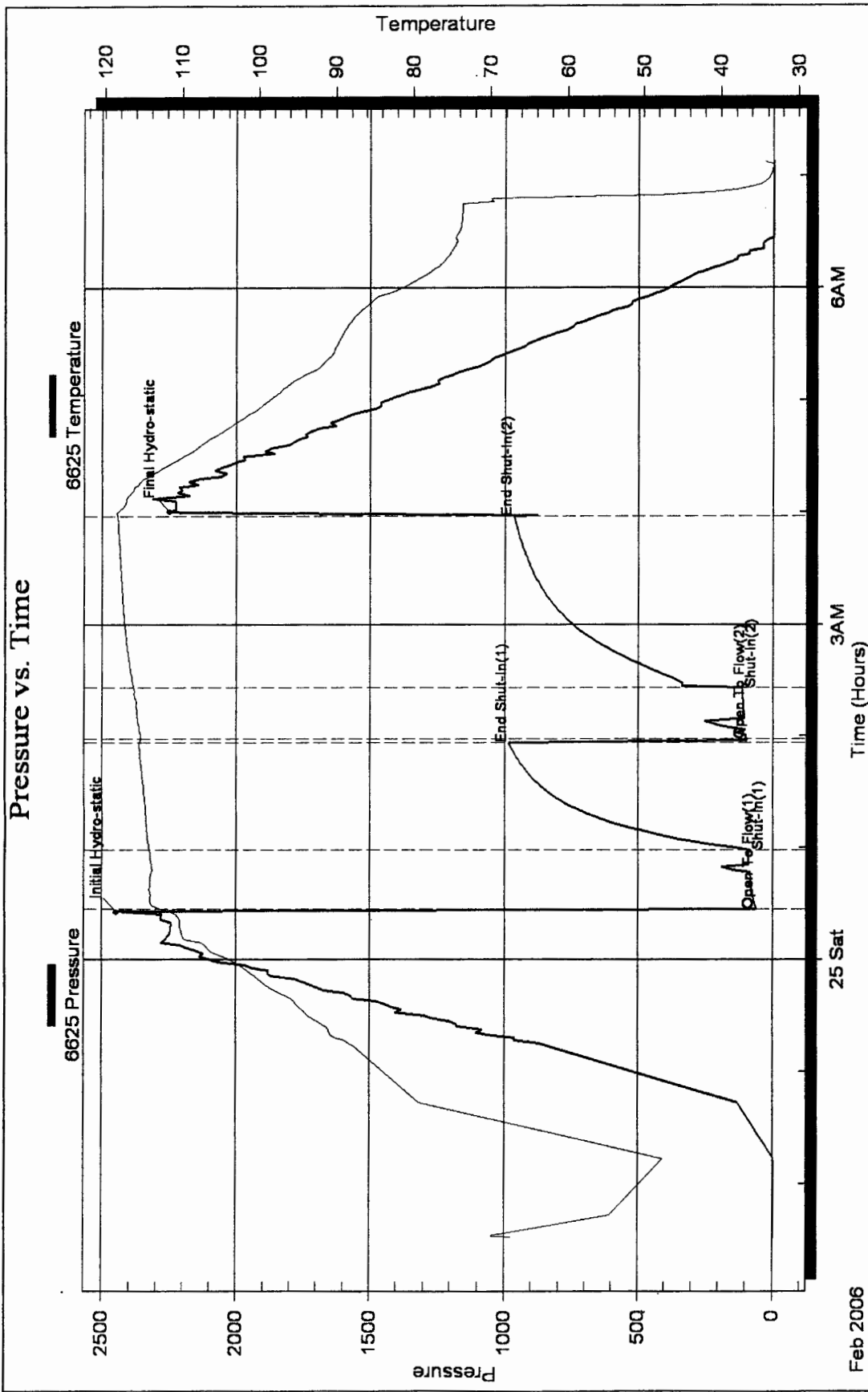
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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