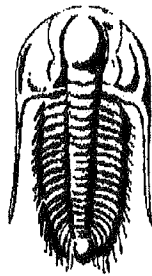


17-8s-18w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

15-163-23595-00-00

17 8S 18W Rooks KS

Rostocil #1-B

Start Date: 2007.04.06 @ 21:20:15

End Date: 2007.04.07 @ 04:25:35

Job Ticket #: 28194

DST #: 1

KCC
JUL 09 2007
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2007.04.09 @ 10:09:58 Page 1

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FIML Natural Resources

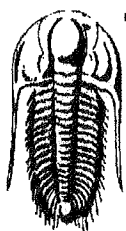
Rostocil #1-B

17 8S 18W Rooks KS

DST # 1

Toronto

2007.04.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

Rostocil #1-B

17 8S 18W Rooks KS

Job Ticket: 28194

DST#: 1

Test Start: 2007.04.06 @ 21:20:15

GENERAL INFORMATION:

Formation: **Toronto**

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

Time Tool Opened: 23:36:05

Time Test Ended: 04:25:35

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **21**

Interval: 3134.00 ft (KB) To 3180.00 ft (KB) (TVD)

Total Depth: 3180.00 ft (KB) (TVD)

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

Reference Elevations: **2006.00 ft (KB)**

2001.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320 **Inside**

Press@RunDepth: **33.21 psig @ 3140.00 ft (KB)**

Start Date: **2007.04.06**

End Date:

2007.04.07

Start Time: **21:20:17**

End Time:

04:25:34

Capacity: **7000.00 psig**

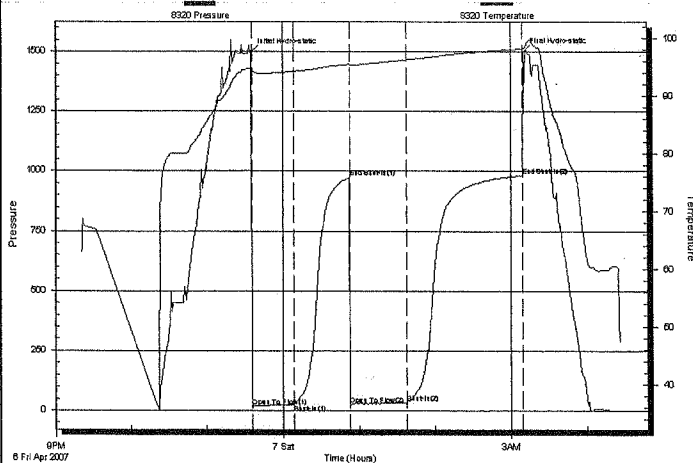
Last Calib.: **2007.04.07**

Time On Btm: **2007.04.06 @ 23:35:35**

Time Off Btm: **2007.04.07 @ 03:09:15**

TEST COMMENT: IFP Blow built to 2 " died to 1 "
ISI No blow back
FFP Weak 1 " blow built to 1.5 " throughout
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

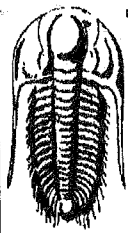
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1497.38	94.53	Initial Hydro-static
1	17.72	94.37	Open To Flow (1)
33	23.95	94.17	Shut-In(1)
77	974.20	95.41	End Shut-In(1)
78	22.97	95.36	Open To Flow (2)
123	33.21	96.19	Shut-In(2)
214	983.10	98.10	End Shut-In(2)
214	1500.79	98.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 10%O 90%M	0.05

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Rostocil #1-B

410 17th St Ste 900
Denver CO 80202

17 8S 18W Rooks KS

Job Ticket: 28194

DST#: 1

ATTN: Jirm Musgrove

Test Start: 2007.04.06 @ 21:20:15

Tool Information

Drill Pipe:	Length: 3106.00 ft	Diameter: 3.82 inches	Volume: 44.03 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 44.18 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3134.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	67.00 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			3114.00	
Shut In Tool	5.00			3119.00	
Hydraulic tool	5.00			3124.00	
Packer	5.00			3129.00	21.00 Bottom Of Top Packer
Packer	5.00			3134.00	
Stubb	1.00			3135.00	
Perforations	4.00			3139.00	
Change Over Sub	1.00			3140.00	
Recorder	0.00	8320	Inside	3140.00	
Blank Spacing	31.00			3171.00	
Change Over Sub	1.00			3172.00	
Perforations	5.00			3177.00	
Recorder	0.00	13401	Inside	3177.00	
Bullnose	3.00			3180.00	46.00 Bottom Packers & Anchor

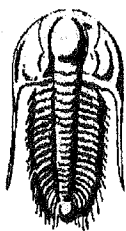
Total Tool Length: 67.00

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CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

Rostocil #1-B

17 8S 18W Rooks KS

Job Ticket: 28194

DST#: 1

Test Start: 2007.04.06 @ 21:20:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 2000.00 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
10.00	OCM 10%O 90%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

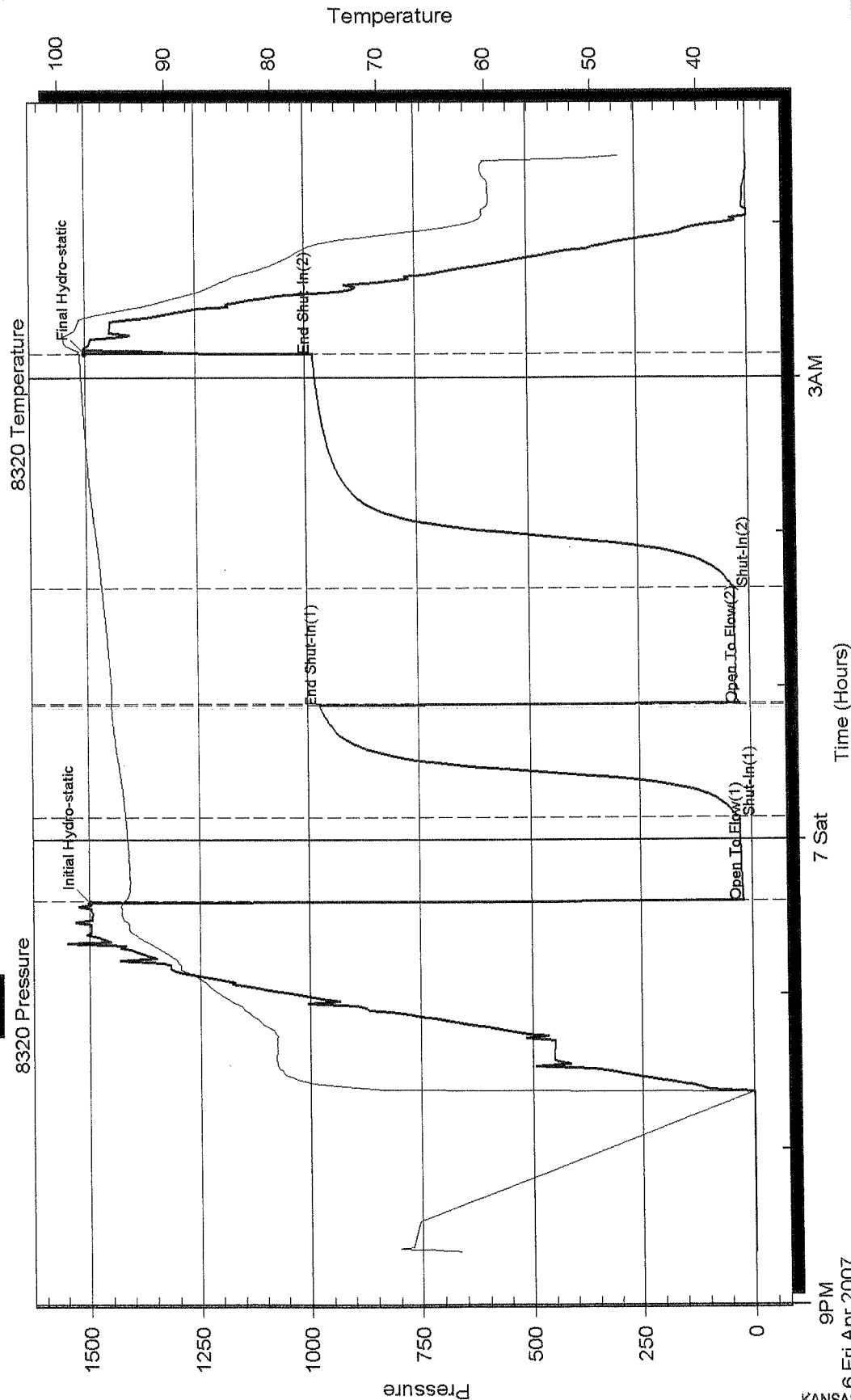
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



9PM
6 Fri Apr 2007

7 Sat
3AM

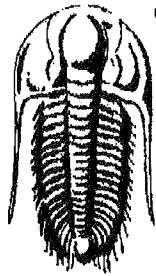
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WICHITA, KS

Ref. No: 28194

Site Testing, Inc



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

17 8S 18W Rooks KS

Rostocil #1-B

Start Date: 2007.04.07 @ 13:45:03

End Date: 2007.04.07 @ 21:05:33

Job Ticket #: 28195 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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WICHITA, KS

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FIML Natural Resources

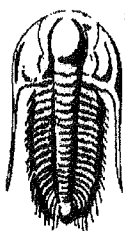
Rostocil #1-B

17 8S 18W Rooks KS

DST # 2

LKC "A-D"

2007.04.07



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

Rostocil #1-B

17 8S 18W Rooks KS

Job Ticket: 28195

DST#: 2

Test Start: 2007.04.07 @ 13:45:03

GENERAL INFORMATION:

Formation: **LKC "A-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:41:33

Time Test Ended: 21:05:33

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Interval: **3173.00 ft (KB) To 3254.00 ft (KB) (TVD)**

Total Depth: 3180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2006.00 ft (KB)

2001.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8320

Inside

Press@RunDepth: 42.15 psig @ 3178.00 ft (KB)

Start Date: 2007.04.07

End Date:

2007.04.07

Capacity: 7000.00 psig

Last Calib.: 2007.04.07

Start Time: 13:45:05

End Time:

21:05:33

Time On Btm: 2007.04.07 @ 15:41:13

Time Off Btm: 2007.04.07 @ 19:28:23

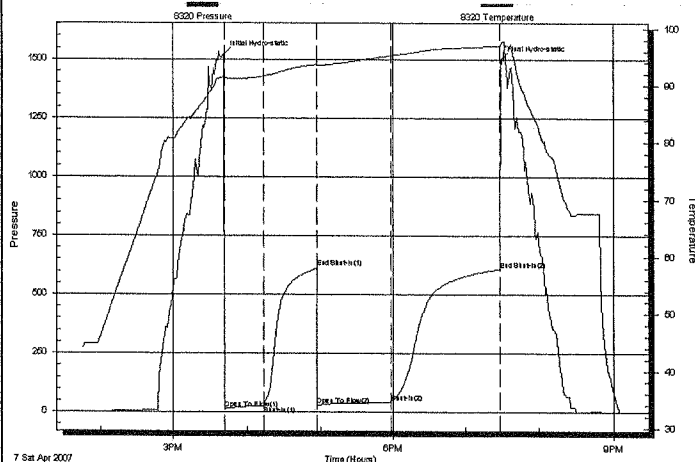
TEST COMMENT: IFP Weak surface blow built to 2 "

ISI No blow back

FFP Weak surface blow built to 2.5 "

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

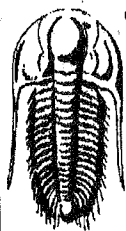
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.17	91.50	Initial Hydro-static
1	13.56	91.25	Open To Flow (1)
33	25.78	91.67	Shut-In (1)
76	613.29	93.70	End Shut-In (1)
76	30.59	93.61	Open To Flow (2)
137	42.15	95.28	Shut-In (2)
227	607.80	97.02	End Shut-In (2)
228	1498.82	97.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	SOCM 5% O, 95% M	0.56
1.00	CO	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

410 17th St Ste 900
Denver CO 80202

ATTN: Jirm Musgrove

Rostocil #1-B

17 8S 18W Rooks KS

Job Ticket: 28195

DST#: 2

Test Start: 2007.04.07 @ 13:45:03

Tool Information

Drill Pipe: Length: 3138.00 ft Diameter: 3.82 inches Volume: 44.48 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
Drill Collar: Length: 30.00 ft Diameter: 2.25 inches Volume: 0.15 bbl
Total Volume: 44.63 bbl

Drill Pipe Above KB: 16.00 ft
Depth to Top Packer: 3173.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 81.00 ft
Tool Length: 102.00 ft
Number of Packers: 2 Diameter: 6.75 inches

Tool Weight: 2200.00 lb
Weight set on Packer: 25000.00 lb
Weight to Pull Loose: 60000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 45000.00 lb
Final 46000.00 lb

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

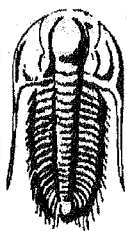
Change Over Sub	1.00			3153.00	
Shut In Tool	5.00			3158.00	
Hydraulic tool	5.00			3163.00	
Packer	5.00			3168.00	21.00 Bottom Of Top Packer
Packer	5.00			3173.00	
Stubb	1.00			3174.00	
Perforations	3.00			3177.00	
Change Over Sub	1.00			3178.00	
Recorder	0.00	8320	Inside	3178.00	
Blank Spacing	62.00			3240.00	
Change Over Sub	1.00			3241.00	
Perforations	10.00			3251.00	
Recorder	0.00	13401	Inside	3251.00	
Bullnose	3.00			3254.00	81.00 Bottom Packers & Anchor

Total Tool Length: 102.00

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WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Rostocil #1-B

410 17th St Ste 900
Denver CO 80202

17 8S 18W Rooks KS

Job Ticket: 28195

DST#: 2

ATTN: Jirm Musgrove

Test Start: 2007.04.07 @ 13:45:03

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	SOCM 5%O,95%M	0.559
1.00	CO	0.014

Total Length: 60.00 ft

Total Volume: 0.573 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

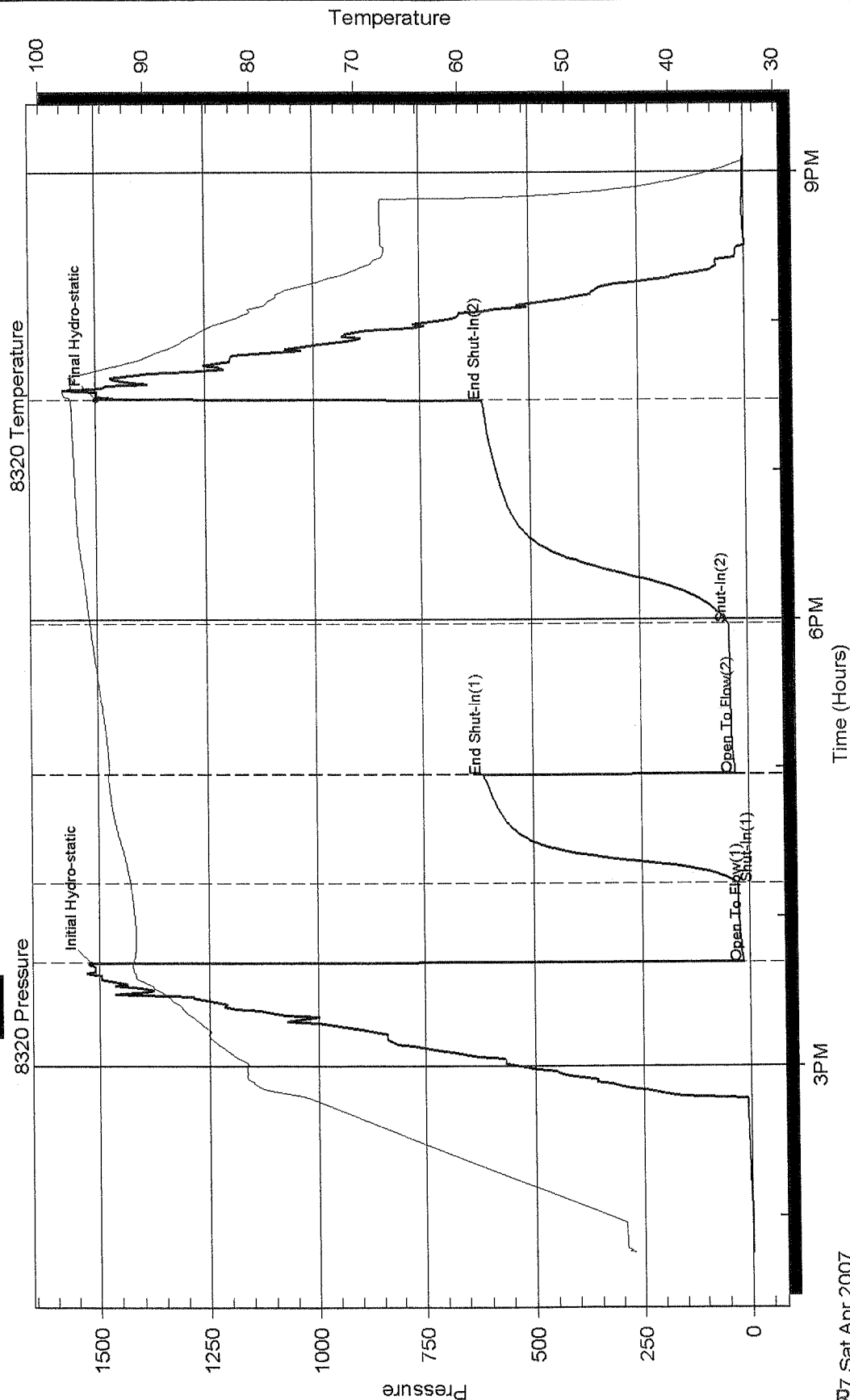
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



77 Sat Apr 2007

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CONSERVATION DIVISION
WICHITA, KS

Ref. No: 28195

Trilobite Testing, Inc