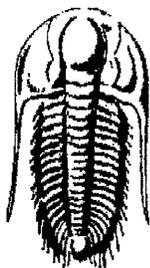


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ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P. O. Box 1469
Plainfield Ill. 60544

ATTN: Todd Morgenstern

29-8S-22W Graham

White Trust D #1-29

Start Date: 2005.03.20 @ 20:11:36

End Date: 2005.03.21 @ 04:20:21

Job Ticket #: 20448 DST #: 1

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

Russell Oil Inc

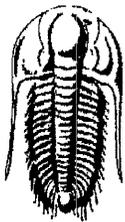
White Trust D #1-29

29-8S-22W Graham

DST # 1

Topeka

2005.03.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc
P. O. Box 1469
Plainfield Ill. 60544

White Trust D #1-29
29-8S-22W Graham
Job Ticket: 20448 **DST#: 1**
Test Start: 2005.03.20 @ 20:11:36

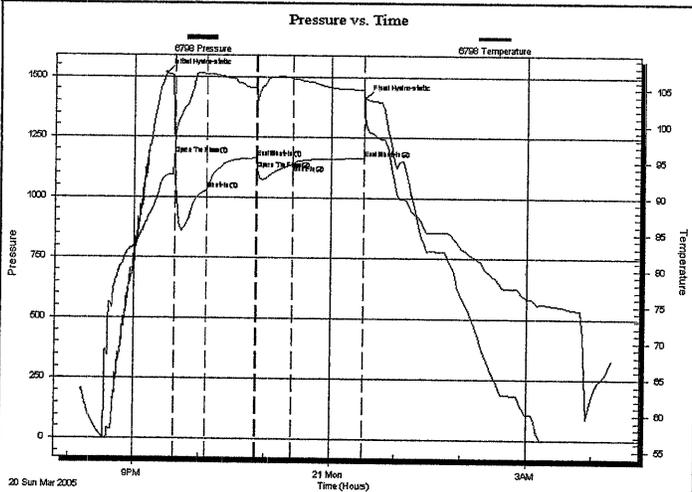
ATTN: Todd Morgenstern

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 21:36:21
 Time Test Ended: 04:20:21
 Interval: **3233.00 ft (KB) To 3254.00 ft (KB) (TVD)**
 Total Depth: **3304.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Rod Steinbrink**
 Unit No: **22**
 Reference Elevations: **2201.00 ft (KB)**
 2194.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6798 **Inside**
 Press@RunDepth: **1136.66 psig @ 3234.00 ft (KB)**
 Start Date: **2005.03.20** End Date: **2005.03.21**
 Start Time: **20:11:41** End Time: **04:20:20**
 Capacity: **7000.00 psig**
 Last Calib.: **1899.12.30**
 Time On Btm: **2005.03.20 @ 21:29:06**
 Time Off Btm: **2005.03.21 @ 00:31:51**

TEST COMMENT: IF; Strong blow off btm in 30 secs
 IS; No return
 FF; Strong blow off btm in 1 min
 FSI; No return



PRESSURE SUMMARY

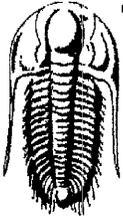
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1514.54	92.92	Initial Hydro-static
8	1175.79	96.98	Open To Flow (1)
38	1030.04	106.99	Shut-In(1)
83	1163.07	105.14	End Shut-In(1)
84	1117.97	103.25	Open To Flow (2)
116	1136.66	106.50	Shut-In(2)
182	1163.96	104.98	End Shut-In(2)
183	1412.82	101.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
930.00	GOMCW 35%g 5%o 45%w 15%m	11.41
1120.00	GOCM 35%g 5%o 60%m	15.71
540.00	SGOCM 5%g 5%o 90%m	7.57

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM ~~CONFIDENTIAL~~

TOOL DIAGRAM

Russell Oil Inc

White Trust D #1-29

P. O. Box 1469
Plainfield Ill. 60544

29-8S-22W Graham

Job Ticket: 20448

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2005.03.20 @ 20:11:36

Tool Information

Drill Pipe:	Length: 3066.00 ft	Diameter: 3.80 inches	Volume: 43.01 bbl	Tool Weight: 2500.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 43.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3233.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3219.00	
Hydraulic tool	5.00			3224.00	
Packer	5.00			3229.00	19.00 Bottom Of Top Packer
Packer	4.00			3233.00	
Stubb	1.00			3234.00	
Recorder	0.00	6798	Inside	3234.00	
Perforations	15.00			3249.00	
Recorder	0.00	13276	Outside	3249.00	
Blank Off Sub	1.00			3250.00	71.00 Tool Interval
Packer	4.00			3254.00	
Stubb	1.00			3255.00	
Perforations	11.00			3266.00	
Change Over Sub	1.00			3267.00	
Anchor	31.00			3298.00	
Change Over Sub	1.00			3299.00	
Recorder	0.00	13309	Below	3299.00	
Bullnose	5.00			3304.00	1000089.00 Bottom Packers & Anchor
Total Tool Length:	90.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

White Trust D #1-29

P. O. Box 1469
Plainfield Ill. 60544

29-8S-22W Graham

Job Ticket: 20448

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2005.03.20 @ 20:11:36

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:

20000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
930.00	GOMCW 35%g 5%o 45%w 15%m	11.415
1120.00	GOCM 35%g 5%o 60%m	15.711
540.00	SGOCM 5%g 5%o 90%m	7.575

Total Length: 2590.00 ft Total Volume: 34.701 bbf

Num Fluid Samples: 0

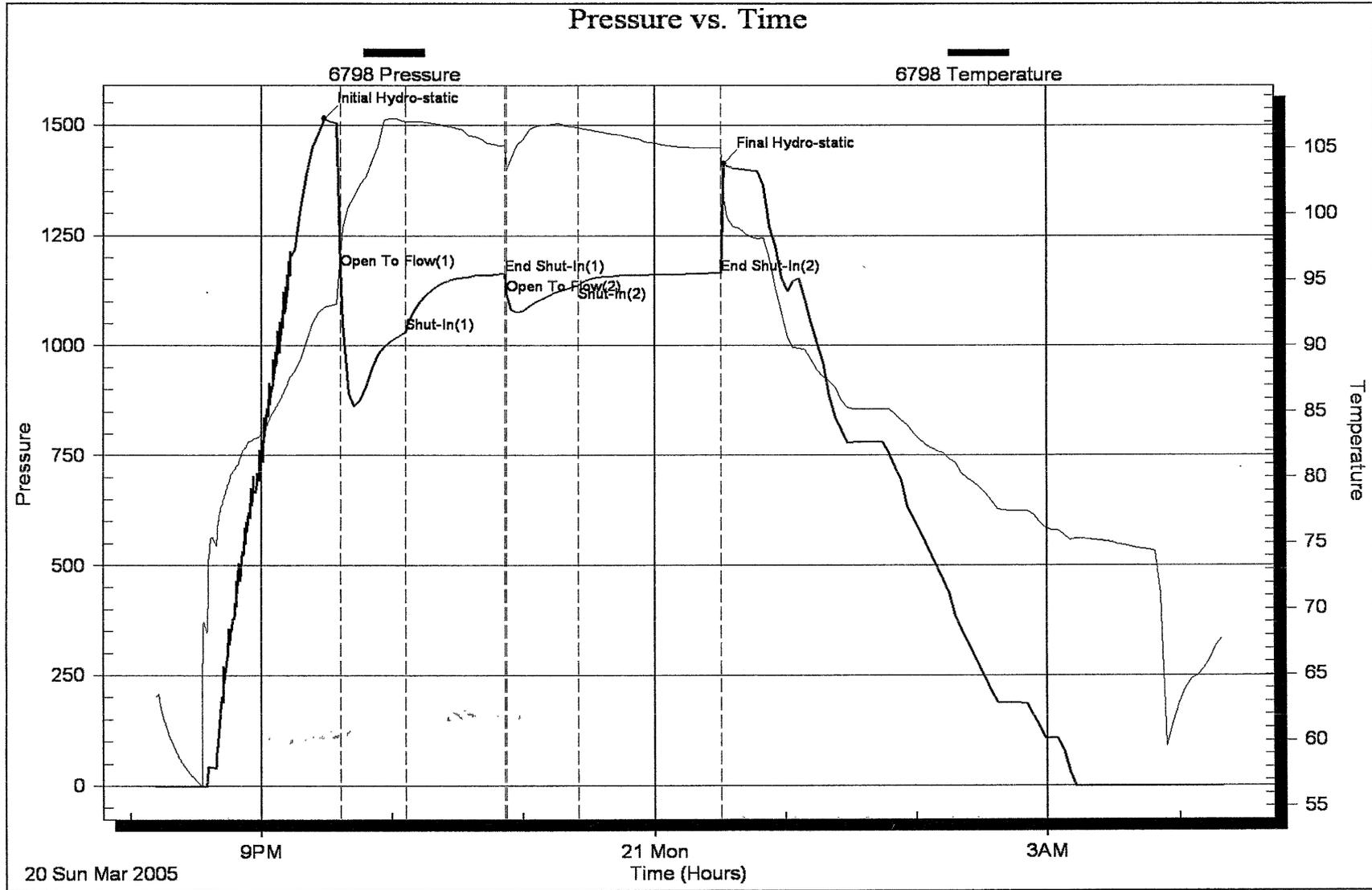
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .35 @ 70 Deg = 20,000 Chlorides



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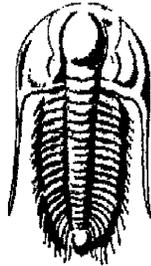
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P. O. Box 1469
Plainfield Ill. 60544

ATTN: Todd Morgenstern

29-8S-22W Graham

White Trust D #1-29

Start Date: 2005.03.22 @ 07:18:23

End Date: 2005.03.22 @ 12:42:53

Job Ticket #: 20449 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Russell Oil Inc

White Trust D #1-29

29-8S-22W Graham

DST # 2

L/KC " H - J "

2005.03.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc

White Trust D #1-29

P. O. Box 1469
Plainfield Ill. 60544

29-8S-22W Graham

Job Ticket: 20449

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2005.03.22 @ 07:18:23

GENERAL INFORMATION:

Formation: **L/KC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:38:23

Time Test Ended: 12:42:53

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **3574.00 ft (KB) To 3640.00 ft (KB) (TVD)**

Total Depth: 3640.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2201.00 ft (KB)

2194.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6798

Inside

Press@RunDepth: 16.94 psig @ 3575.00 ft (KB)

Start Date: 2005.03.22

End Date:

2005.03.22

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 07:18:28

End Time:

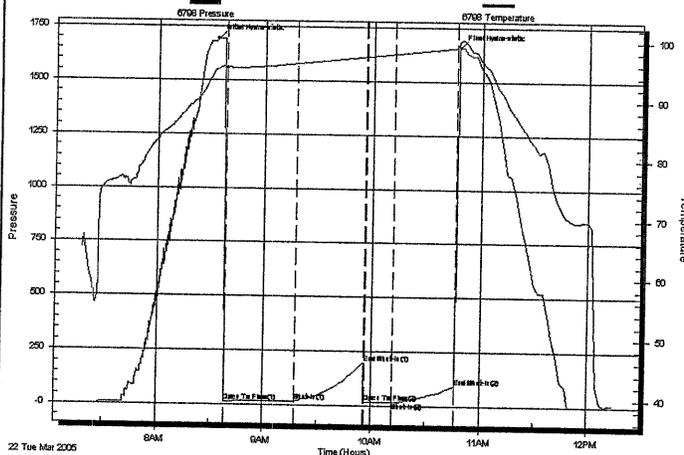
12:14:52

Time On Btm: 2005.03.22 @ 08:33:38

Time Off Btm: 2005.03.22 @ 10:47:38

TEST COMMENT: IF: Weak surface blow built to 1/2"
FF: No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.16	95.23	Initial Hydro-static
5	13.41	95.24	Open To Flow (1)
44	19.70	96.11	Shut-In(1)
82	199.93	97.37	End Shut-In(1)
83	16.59	97.34	Open To Flow (2)
98	16.94	97.85	Shut-In(2)
133	91.12	98.99	End Shut-In(2)
134	1659.53	100.12	Final Hydro-static

Recovery

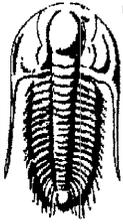
Length (ft)	Description	Volume (bbl)
5.00	Drig. Mud	0.02

Gas Rates

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

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

P. O. Box 1469
Plainfield Ill. 60544

ATTN: Todd Morgan

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White Trust D #1-29

29-8S-22W Graham

Job Ticket: 20449

DST#: 2

Test Start: 2005.03.22 @ 07:18:23

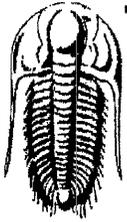
Tool Information

Drill Pipe:	Length: 3407.00 ft	Diameter: 3.80 inches	Volume: 47.79 bbl	Tool Weight: 2500.00 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3574.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3560.00	
Hydraulic tool	5.00			3565.00	
Packer	5.00			3570.00	19.00 Bottom Of Top Packer
Packer	4.00			3574.00	
Stubb	1.00			3575.00	
Recorder	0.00	6798	Inside	3575.00	
Perforations	26.00			3601.00	
Recorder	0.00	13309	Outside	3601.00	
Blank Off Sub	1.00			3602.00	82.00 Tool Interval
Packer	4.00			3606.00	
Stubb	1.00			3607.00	
Perforations	11.00			3618.00	
Change Over Sub	1.00			3619.00	
Anchor	31.00			3650.00	
Change Over Sub	1.00			3651.00	
Recorder	0.00	13309	Below	3651.00	
Bullnose	5.00			3656.00	1000100.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

White Trust D #1-29

P. O. Box 1469
Plainfield Ill. 60544

29-8S-22W Graham

Job Ticket: 20449

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2005.03.22 @ 07:18:23

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Drig. Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

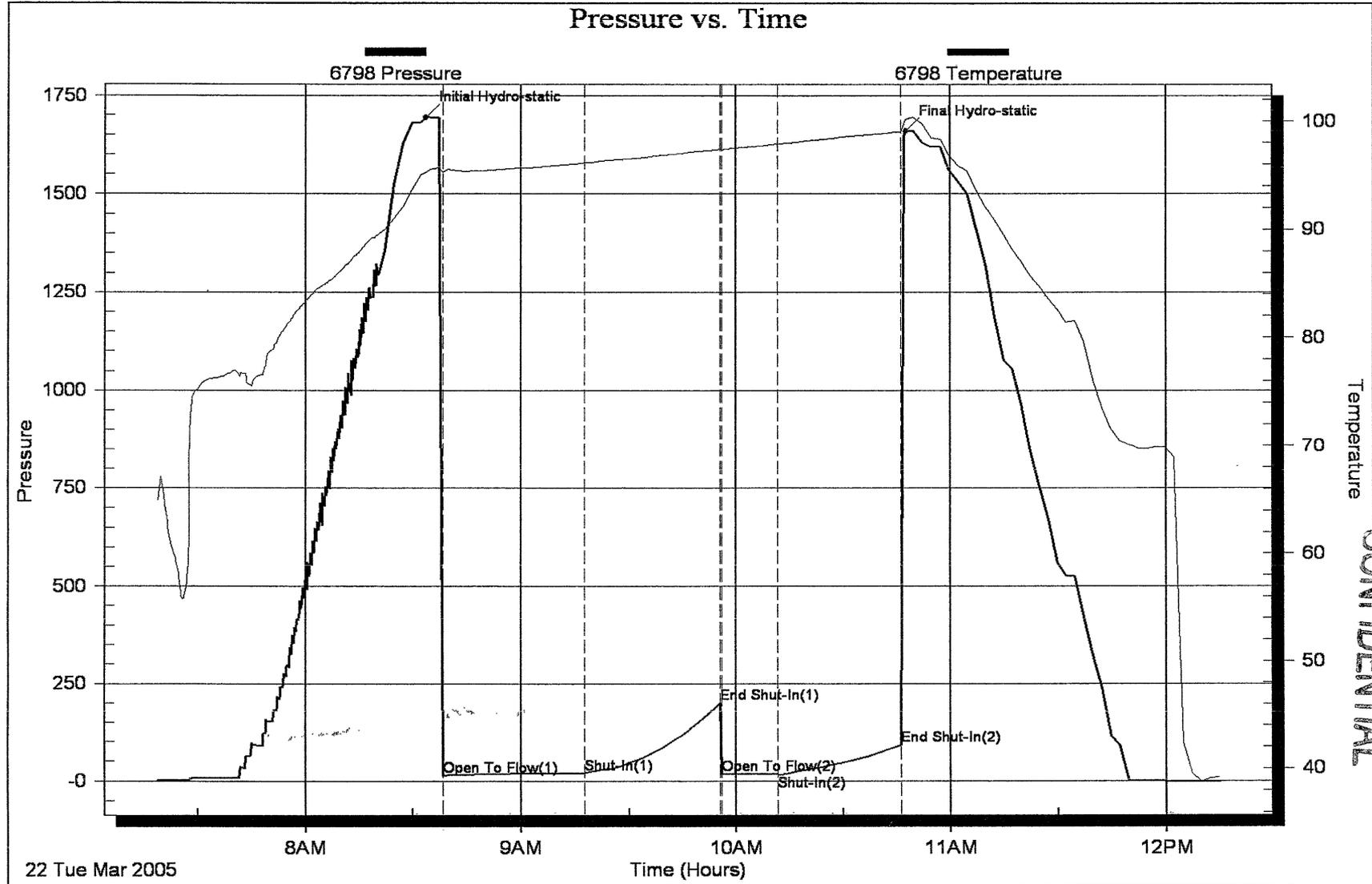
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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