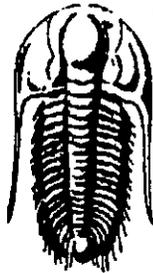


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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, Ne 68920-0723

ATTN: Jason Bach

27-6s-20w Rooks,Ks

Dellenbach #1

Start Date: 2010.09.25 @ 21:04:34

End Date: 2010.09.26 @ 03:08:28

Job Ticket #: 40149 DST #: 1

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

EM TEST REPORT

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Dellenbach #1

27-6s-20w Rooks, Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

GENERAL INFORMATION:

Formation: **Tor-LKC "D"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 23:15:59
 Time Test Ended: 03:08:28
 Interval: **3315.00 ft (KB) To 3420.00 ft (KB) (TVD)**
 Total Depth: **3420.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **2123.00 ft (KB)**
2118.00 ft (CF)
 KB to GR/CF: **5.00 ft**

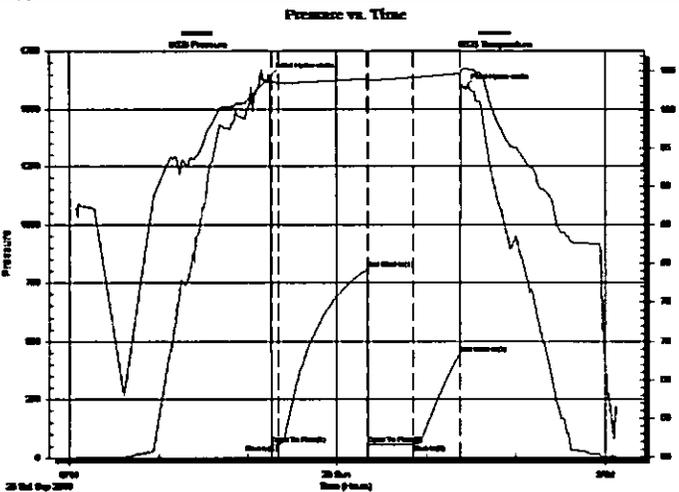
Serial #: 6625

Inside

Press@RunDepth: **56.98 psig @ 3324.00 ft (KB)**
 Start Date: **2010.09.25** End Date: **2010.09.26**
 Start Time: **21:04:34** End Time: **03:08:28**

Capacity: **8000.00 psig**
 Last Calib.: **2010.09.26**
 Time On Btm: **2010.09.25 @ 23:14:29**
 Time Off Btm: **2010.09.26 @ 01:25:58**

TEST COMMENT: **IFP-w k bl 1/4"**
SIP-no bl
FFP-no bl
FSP-no bl



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.05	103.90	Initial Hydro-static
2	56.52	103.64	Open To Flow (1)
6	56.22	103.45	Shut-in(1)
66	809.48	104.01	End Shut-in(1)
67	56.00	103.84	Open To Flow (2)
97	56.98	104.15	Shut-in(2)
128	447.25	104.68	End Shut-in(2)
132	1588.22	105.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/show of oil	0.07

Gas Rates

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

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Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

Tool Information

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 46.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3315.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	126.00 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			3295.00	
Shut In Tool	5.00			3300.00	
Hydraulic tool	5.00			3305.00	
Packer	5.00			3310.00	21.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	8.00			3324.00	
Recorder	0.00	6625	Inside	3324.00	
Recorder	0.00	8652	Outside	3324.00	
Blank Spacing	63.00			3387.00	
Perforations	30.00			3417.00	
Bullnose	3.00			3420.00	105.00 Bottom Packers & Anchor

Total Tool Length: 126.00

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Dellenbach #1

27-6s-20w Rooks, Ks

Job Ticket: 40149

DST#: 1

Test Start: 2010.09.25 @ 21:04:34

ATTN: Jason Bach

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: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

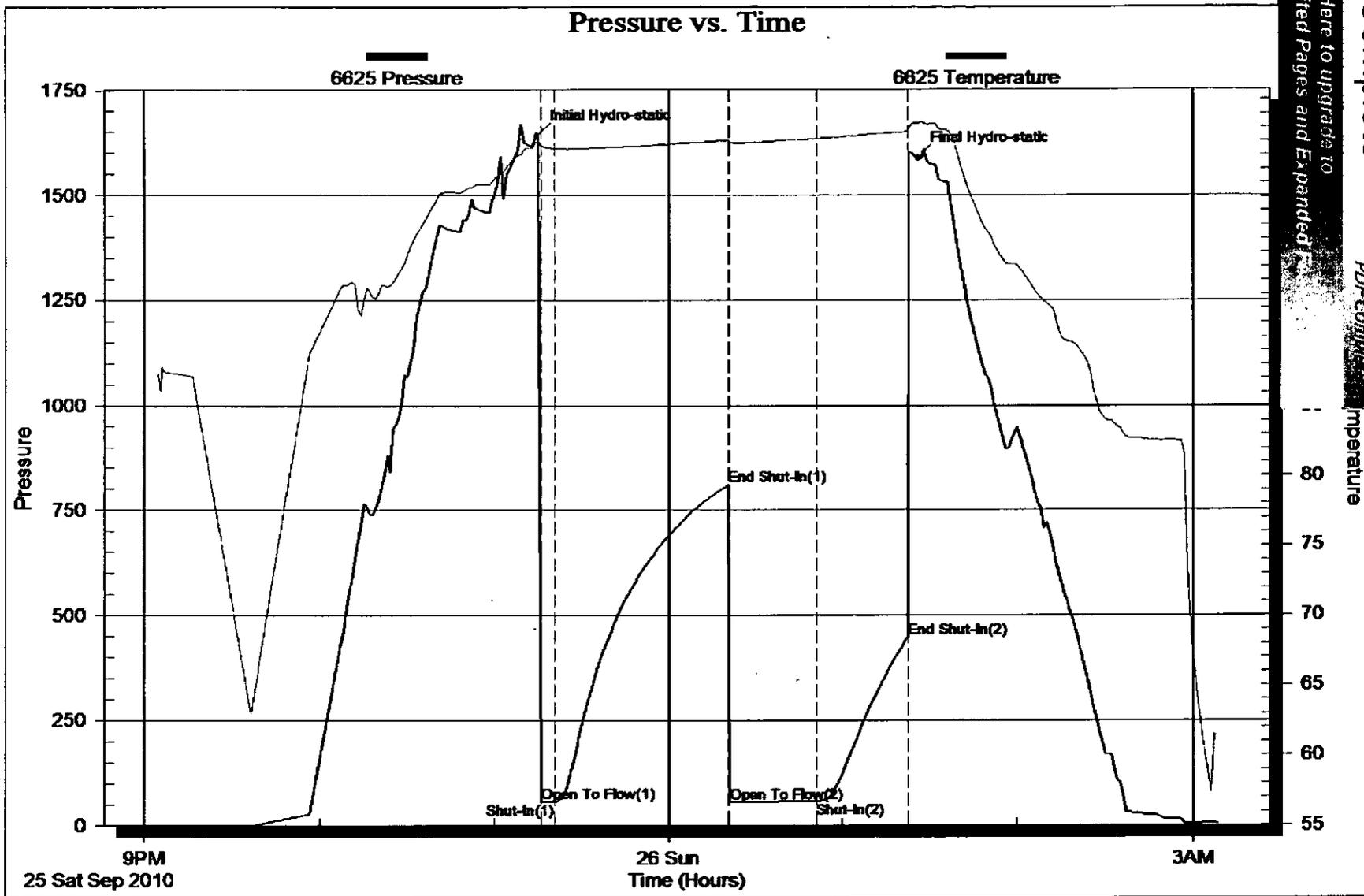
Length ft	Description	Volume bbl
5.00	mud w/show of oil	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

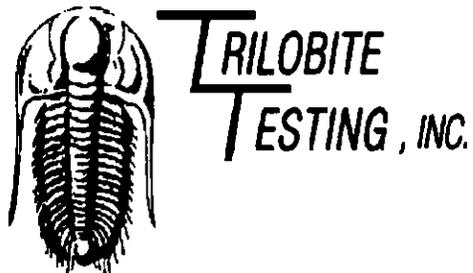


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DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, Ne 68920-0723

ATTN: Jason Bach

27-6s-20w Rooks,Ks

Dellenbach #1

Start Date: 2010.09.26 @ 15:49:13

End Date: 2010.09.27 @ 00:40:38

Job Ticket #: 40150 DST #: 2

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

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Dellenbach #1

27-6s-20w Rooks, Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

GENERAL INFORMATION:

Formation: **LKC I-L**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 18:13:08
 Time Test Ended: 00:40:38
 Interval: **3466.00 ft (KB) To 3560.00 ft (KB) (TVD)**
 Total Depth: **3560.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**

Reference Elevations: **2123.00 ft (KB)**
2118.00 ft (CF)
 KB to GR/CF: **5.00 ft**

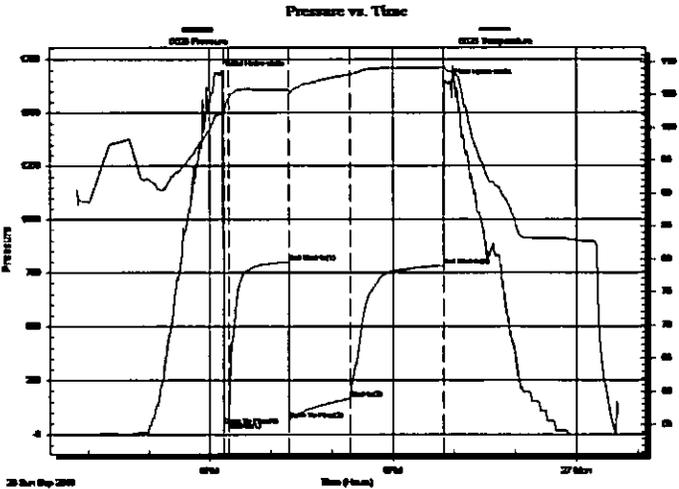
Serial #: 6625

Inside

Press@RunDepth: **168.32 psig @ 3473.00 ft (KB)**
 Start Date: **2010.09.26** End Date: **2010.09.27**
 Start Time: **15:49:13** End Time: **00:40:38**

Capacity: **8000.00 psig**
 Last Calib.: **2010.09.27**
 Time On Btm: **2010.09.26 @ 18:09:38**
 Time Off Btm: **2010.09.26 @ 21:54:37**

TEST COMMENT: IFF-w k to strg in 4 min
 ISIP-no bl bk
 FFF-w k to strg in 4 min
 FSI-2 1/2" bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1680.28	101.99	Initial Hydro-static
4	43.21	102.11	Open To Flow (1)
9	60.77	104.36	Shut-in(1)
68	801.12	105.77	End Shut-in(1)
68	67.29	105.59	Open To Flow (2)
128	168.32	108.04	Shut-in(2)
220	782.97	109.04	End Shut-in(2)
225	1639.74	108.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	840'GIP	0.00
215.00	CO	3.02
186.00	MGO 20%G20%M60%O	2.61

Gas Rates

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



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TOOL DIAGRAM

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Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

Tool Information

Drill Pipe:	Length: 3458.00 ft	Diameter: 3.80 inches	Volume: 48.51 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3466.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.00 ft			
Tool Length:	115.00 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			3446.00	
Shut In Tool	5.00			3451.00	
Hydraulic tool	5.00			3456.00	
Packer	5.00			3461.00	21.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Perforations	6.00			3473.00	
Recorder	0.00	6625	Inside	3473.00	
Recorder	0.00	8652	Outside	3473.00	
Blank Spacing	64.00			3537.00	
Perforations	20.00			3557.00	
Bullnose	3.00			3560.00	94.00 Bottom Packers & Anchor
Total Tool Length:	115.00				



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FLUID SUMMARY

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Dellenbach #1

27-6s-20w Rooks,Ks

Job Ticket: 40150

DST#: 2

Test Start: 2010.09.26 @ 15:49:13

ATTN: Jason Bach

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	34 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbf		
Water Loss:	8.67 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	840'GIP	0.000
215.00	CO	3.016
186.00	MGO 20%G20%M60%O	2.609

Total Length: 401.00 ft Total Volume: 5.625 bbf

Num Fluid Samples: 0

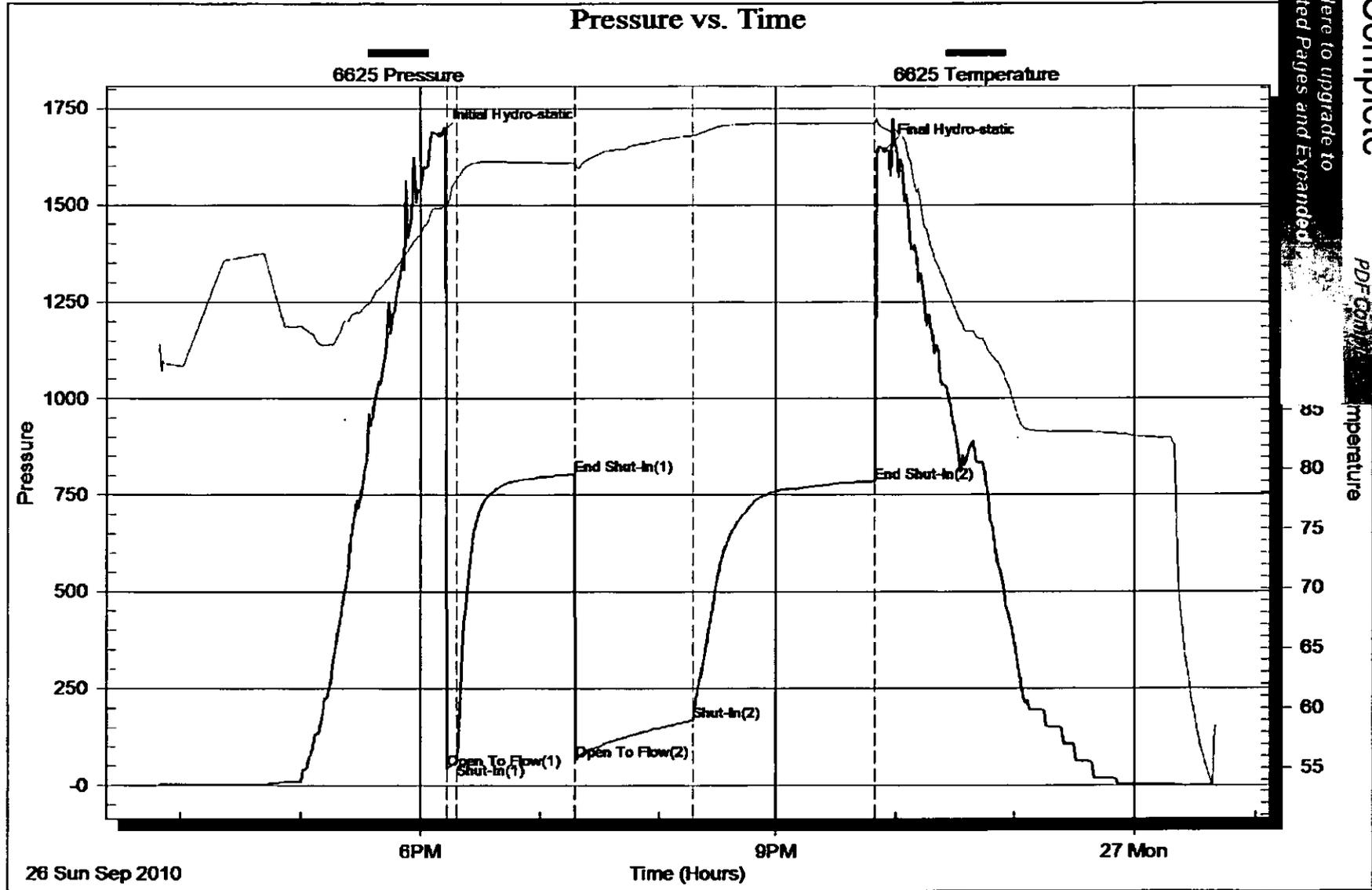
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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