

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **VJI Natural Res**

30-38 48 th St
Astoria NY 11103

ATTN: Jason Dinges

30 18S 17W Rush KS

#4 Oborny Farm -Zimmer

Start Date: 2006.09.25 @ 10:49:40

End Date: 2006.09.25 @ 17:31:10

Job Ticket #: 25165 DST #: 1

15-165-21798

SW SW SW

330 FSL 330 FW2

30-18S-17W

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

VJI Natural Res
 30-38 48 th St
 Astoria NY 11103
 ATTN: Jason Dinges

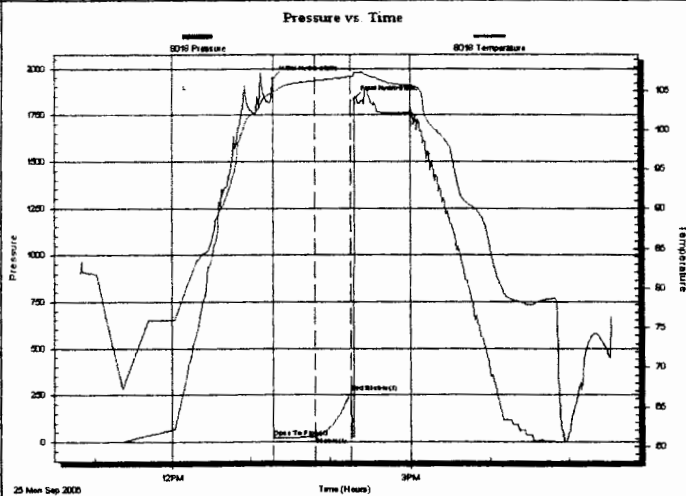
#4 Oborny Farm -Zimmer
30 18S 17W Rush KS
 Job Ticket: 25165 DST#: 1
 Test Start: 2006.09.25 @ 10:49:40

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:18:10
 Time Test Ended: 17:31:10
 Interval: **3716.00 ft (KB) To 3772.00 ft (KB) (TVD)**
 Total Depth: 3816.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle
 Tester: John Schmidt
 Unit No: 31
 Reference Elevations: 2005.00 ft (KB)
 1999.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8018 **Inside**
 Press@RunDepth: 24.07 psig @ 3722.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.09.25 End Date: 2006.09.25 Last Calib.: 2006.09.25
 Start Time: 10:49:45 End Time: 17:31:09 Time On Btm: 2006.09.25 @ 13:17:40
 Time Off Btm: 2006.09.25 @ 14:18:10

TEST COMMENT: IF Weak Dead in 18 min.
 ISI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.50	105.11	Initial Hydro-static
1	20.16	104.74	Open To Flow (1)
31	24.07	106.24	Shut-in(1)
58	264.46	106.80	End Shut-in(1)
61	1836.60	107.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 5% O 95% M	0.02

Gas Rates

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

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DRILL STEM TEST REPORT

TOOL DIAGRAM

VJI Natural Res
30-38 48 th St
Astoria NY 11103
ATTN: Jason Dinges

#4 Oborny Farm -Zimmer
30 18S 17W Rush KS
Job Ticket: 25165 DST#: 1
Test Start: 2006.09.25 @ 10:49:40

Tool Information

Drill Pipe:	Length: 3447.00 ft	Diameter: 3.80 inches	Volume: 48.35 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2000.00 lb
Drill Collar:	Length: 257.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 49.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3716.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	3772.00 ft			
Interval between Packers:	56.00 ft			
Tool Length:	120.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3697.00	
Shut In Tool	5.00			3702.00	
Hydraulic tool	5.00			3707.00	
Packer	4.00			3711.00	20.00 Bottom Of Top Packer
Packer	5.00			3716.00	
Stubb	1.00			3717.00	
Perforations	4.00			3721.00	
Change Over Sub	1.00			3722.00	
Recorder	0.00	8018	Inside	3722.00	
Blank Spacing	30.00			3752.00	
Recorder	0.00	11084	Outside	3752.00	
Perforations	19.00			3771.00	
Blank Off Sub	1.00			3772.00	56.00 Tool Interval
Packer	0.00			3772.00	
Stubb	1.00			3773.00	
Perforations	3.00			3776.00	
Change Over Sub	1.00			3777.00	
Blank Spacing	30.00			3807.00	
Change Over Sub	1.00			3808.00	
Perforations	5.00			3813.00	
Recorder	0.00	13308		3813.00	
Bullnose	3.00			3816.00	44.00 Bottom Packers & Anchor
Total Tool Length:	120.00				

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DRILL STEM TEST REPORT

FLUID SUMMARY

VJI Natural Res

#4 Oborny Farm -Zimmer

30-38 48 th St
Astoria NY 11103

30 18S 17W Rush KS

Job Ticket: 25165

DST#: 1

ATTN: Jason Dinges

Test Start: 2006.09.25 @ 10:49:40

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 5%O 95%M	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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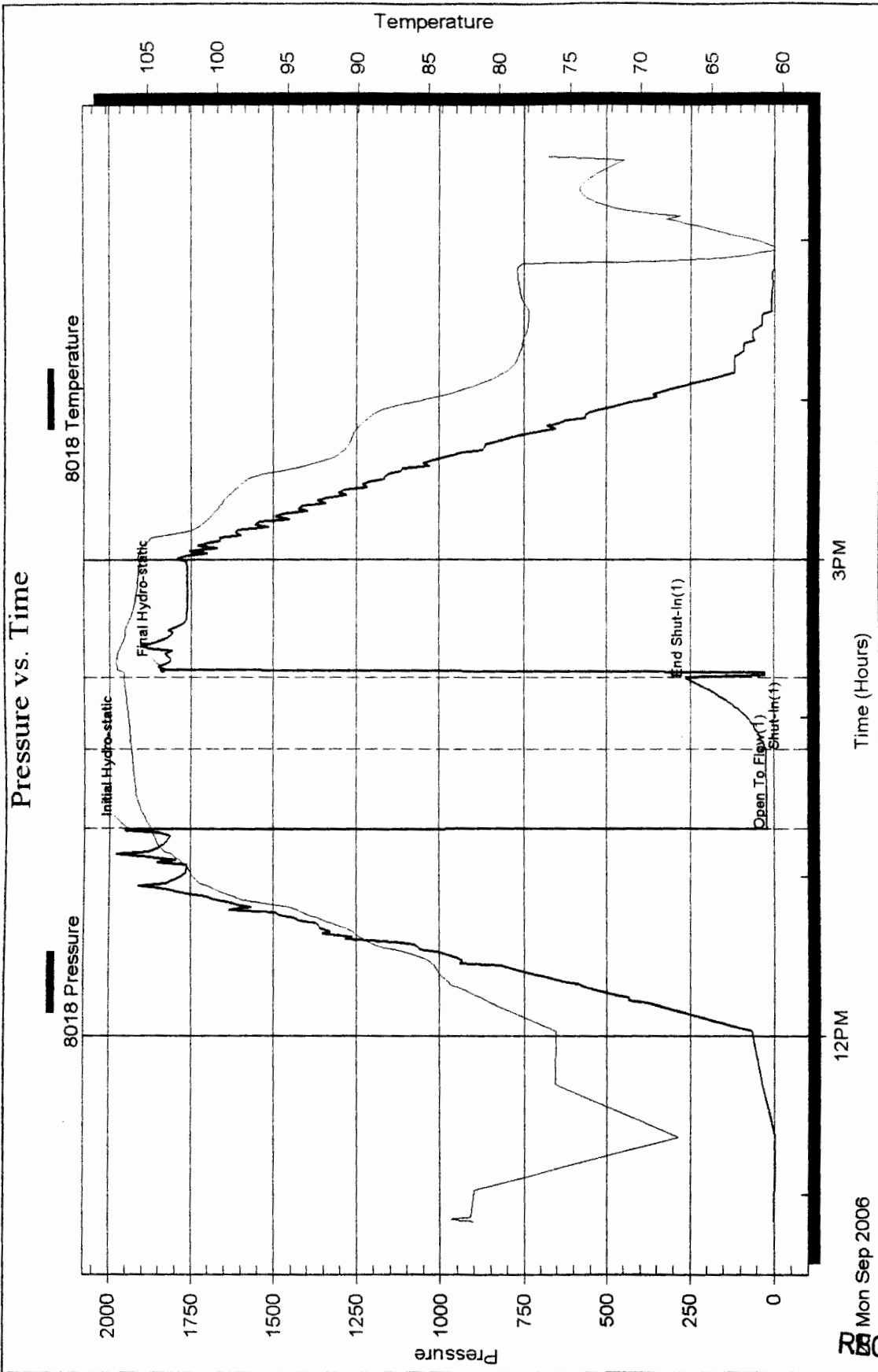
Serial #: 8018

Inside

V/JI Natural Res

30 18S 17W Rush KS

DST Test Number: 1



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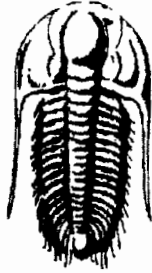
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Trilobite Testing, Inc

Ref. No: 25165

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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **VJI Natural Res**

30-38 48 th St
Astoria NY 11103

ATTN: Jason Dingus

30 18S 17W Rush KS

#4 Oborny Farm -Zimmer

Start Date: 2006.09.25 @ 17:36:08

End Date: 2006.09.26 @ 02:34:38

Job Ticket #: 25166 DST #: 2

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VJI Natural Res

#4 Oborny Farm -Zimmer

30 18S 17W Rush KS

DST # 2

Arbuckle

2006.09.25



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DRILL STEM TEST REPORT

VJI Natural Res
 30-38 48 th St
 Astoria NY 11103
 ATTN: Jason Dinges

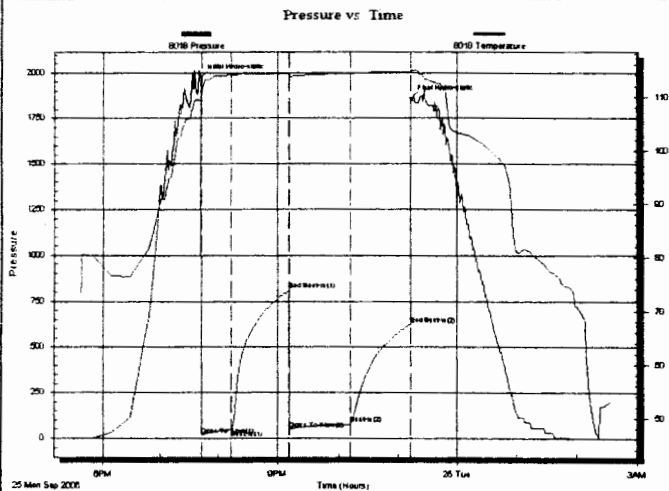
#4 Oborny Farm -Zimmer
30 18S 17W Rush KS
 Job Ticket: 25166 DST#: 2
 Test Start: 2006.09.25 @ 17:36:08

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:42:08
 Time Test Ended: 02:34:38
 Interval: **3770.00 ft (KB) To 3780.00 ft (KB) (TVD)**
 Total Depth: 3816.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle
 Tester: John Schmidt
 Unit No: 31
 Reference Elevations: 2005.00 ft (KB)
 1999.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 76.56 psig @ 3771.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.09.25 End Date: 2006.09.26 Last Calib.: 2006.09.26
 Start Time: 17:36:13 End Time: 02:34:38 Time On Btm: 2006.09.25 @ 19:41:38
 Time Off Btm: 2006.09.25 @ 23:13:08

TEST COMMENT: IF Weak built 2" Decreasing to 1"
 ISI Dead
 FF Very weak surface blow
 FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.97	109.35	Initial Hydro-static
1	18.56	109.08	Open To Flow (1)
32	47.26	113.99	Shut-In(1)
90	810.37	114.19	End Shut-In(1)
90	49.62	113.81	Open To Flow (2)
150	76.56	114.28	Shut-In(2)
211	625.67	114.64	End Shut-In(2)
212	1857.93	114.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	S. Water	0.76
5.00	Oil	0.02

Gas Rates

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

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TOOL DIAGRAM

VJI Natural Res

#4 Oborny Farm -Zimmer

30-38 48 th St
Astoria NY 11103

30 18S 17W Rush KS

Job Ticket: 25166

DST#: 2

ATTN: Jason Dinges

Test Start: 2006.09.25 @ 17:36:08

Tool Information

Drill Pipe:	Length: 3506.00 ft	Diameter: 3.80 inches	Volume: 49.18 bbl	Tool Weight:	2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 257.00 ft	Diameter: 2.25 inches	Volume: 1.26 bbl	Weight to Pull Loose:	40000.00 lb
			Total Volume: 50.44 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3770.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	3780.00 ft				
Interval between Packers:	10.00 ft				
Tool Length:	66.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3751.00	
Shut In Tool	5.00			3756.00	
Hydraulic tool	5.00			3761.00	
Packer	4.00			3765.00	20.00 Bottom Of Top Packer
Packer	5.00			3770.00	
Stubb	1.00			3771.00	
Recorder	0.00	8018	Inside	3771.00	
Perforations	8.00			3779.00	
Blank Off Sub	1.00			3780.00	10.00 Tool Interval
Packer	0.00			3780.00	
Stubb	1.00			3781.00	
Perforations	1.00			3782.00	
Change Over Sub	1.00			3783.00	
Recorder	0.00	11084	Outside	3783.00	
Blank Spacing	29.00			3812.00	
Change Over Sub	1.00			3813.00	
Bullnose	3.00			3816.00	36.00 Bottom Packers & Anchor
Total Tool Length:	66.00				

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Astoria NY 11103

30 18S 17W Rush KS

Job Ticket: 25166 DST#: 2

ATTN: Jason Dinges

Test Start: 2006.09.25 @ 17:36:08

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:	28000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	S.Water	0.762
5.00	Oil	0.025

Total Length: 160.00 ft Total Volume: 0.787 bbl

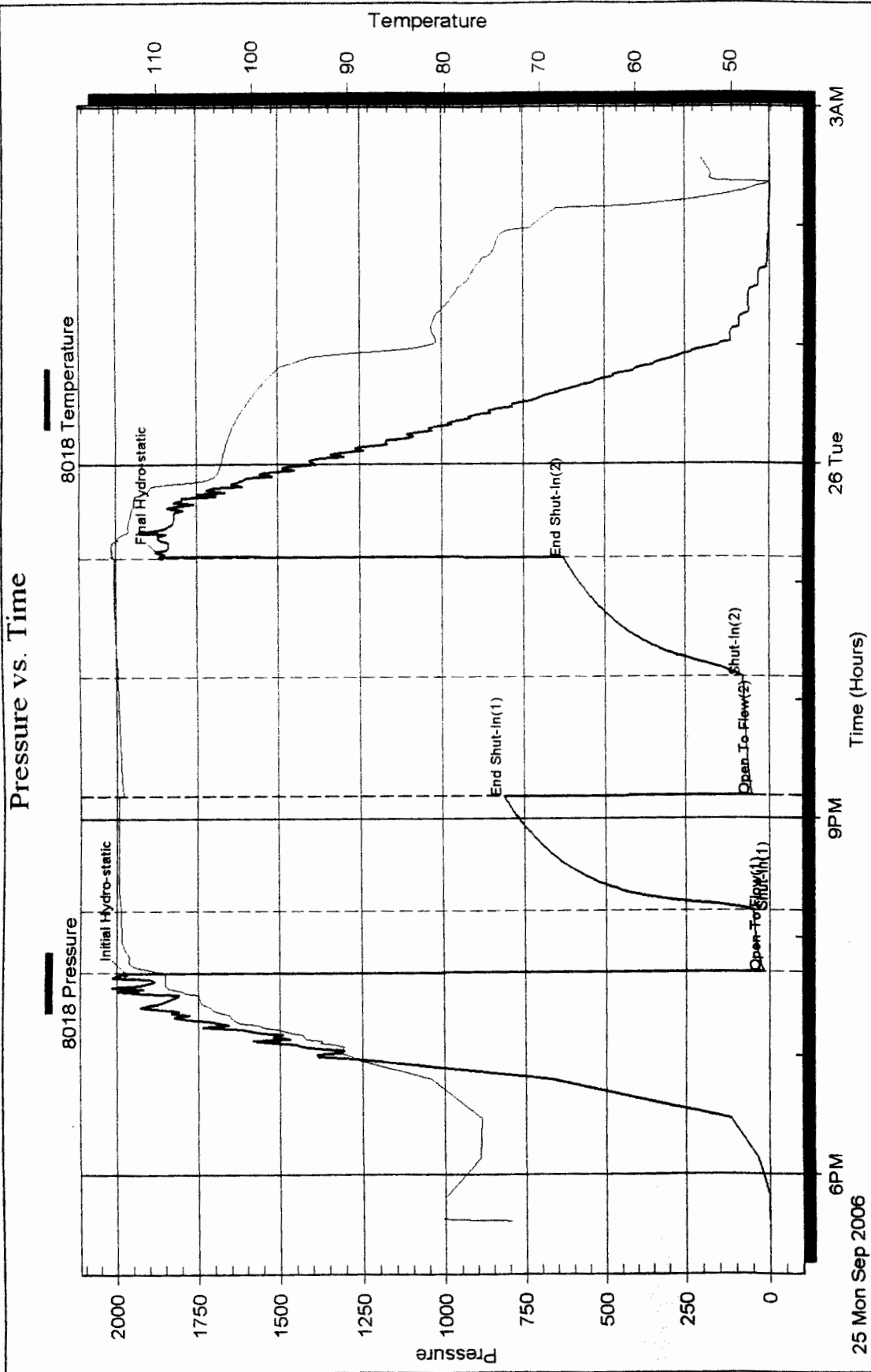
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

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Pressure vs. Time



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