15-135-24885 23-18s-26w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

23-18s-26w Ness, Ks

Harkness 6-23

Start Date: 2009.04.02 @ 04:35:34
End Date: 2009.04.02 @ 11:53:34
Job Ticket #: 34272 DST #: 1

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

American Warrior Inc

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34272 **DST#: 1**

Test Start: 2009.04.02 @ 04:35:34

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:24:19
Time Test Ended: 11:53:34

Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35

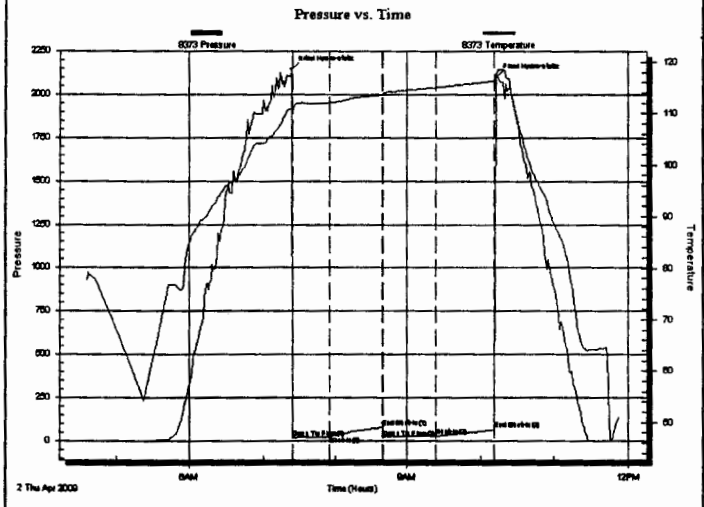
Interval: 4314.00 ft (KB) To 4345.00 ft (KB) (TVD)
Total Depth: 4345.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2616.00 ft (KB)
2608.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8373 **Inside**
Press@RunDepth: 27.66 psig @ 4315.00 ft (KB)
Start Date: 2009.04.02 End Date: 2009.04.02
Start Time: 04:35:39 End Time: 11:53:33

Capacity: 7000.00 psig
Last Calib.: 2009.04.03
Time On Btm: 2009.04.02 @ 07:23:04
Time Off Btm: 2009.04.02 @ 10:12:18

TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.
IS: No return.
FF: 1/4 blow built to 1 1/2 in 45 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.29	111.08	Initial Hydro-static
2	18.25	110.47	Open To Flow (1)
32	26.78	112.07	Shut-In(1)
76	78.27	113.58	End Shut-In(1)
77	18.78	113.73	Open To Flow (2)
121	27.66	115.03	Shut-In(2)
169	64.89	116.33	End Shut-In(2)
170	2100.64	117.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	ocm 10%o 90%m	0.28
0.00	74 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34272 **DST#: 1**

Test Start: 2009.04.02 @ 04:35:34

Tool Information

Drill Pipe:	Length:	4274.00 ft	Diameter:	3.80 inches	Volume:	59.95 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	60.10 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	4314.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	31.00 ft
Tool Length:	58.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	80000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	55000.00 lb
Final	55000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4288.00		
Shut In Tool	5.00			4293.00		
Hydraulic tool	5.00			4298.00		
Jars	5.00			4303.00		
Safety Joint	2.00			4305.00		
Packer	5.00			4310.00	27.00	Bottom Of Top Packer
Packer	4.00			4314.00		
Stubb	1.00			4315.00		
Recorder	0.00	6772	Inside	4315.00		
Recorder	0.00	8373	Inside	4315.00		
Perforations	25.00			4340.00		
Bullnose	5.00			4345.00	31.00	Bottom Packers & Anchor
Total Tool Length:	**58.00**					

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34272 **DST#: 1**

Test Start: 2009.04.02 @ 04:35:34

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	ocm 10%o 90%m	0.279
0.00	74 GIP	0.000

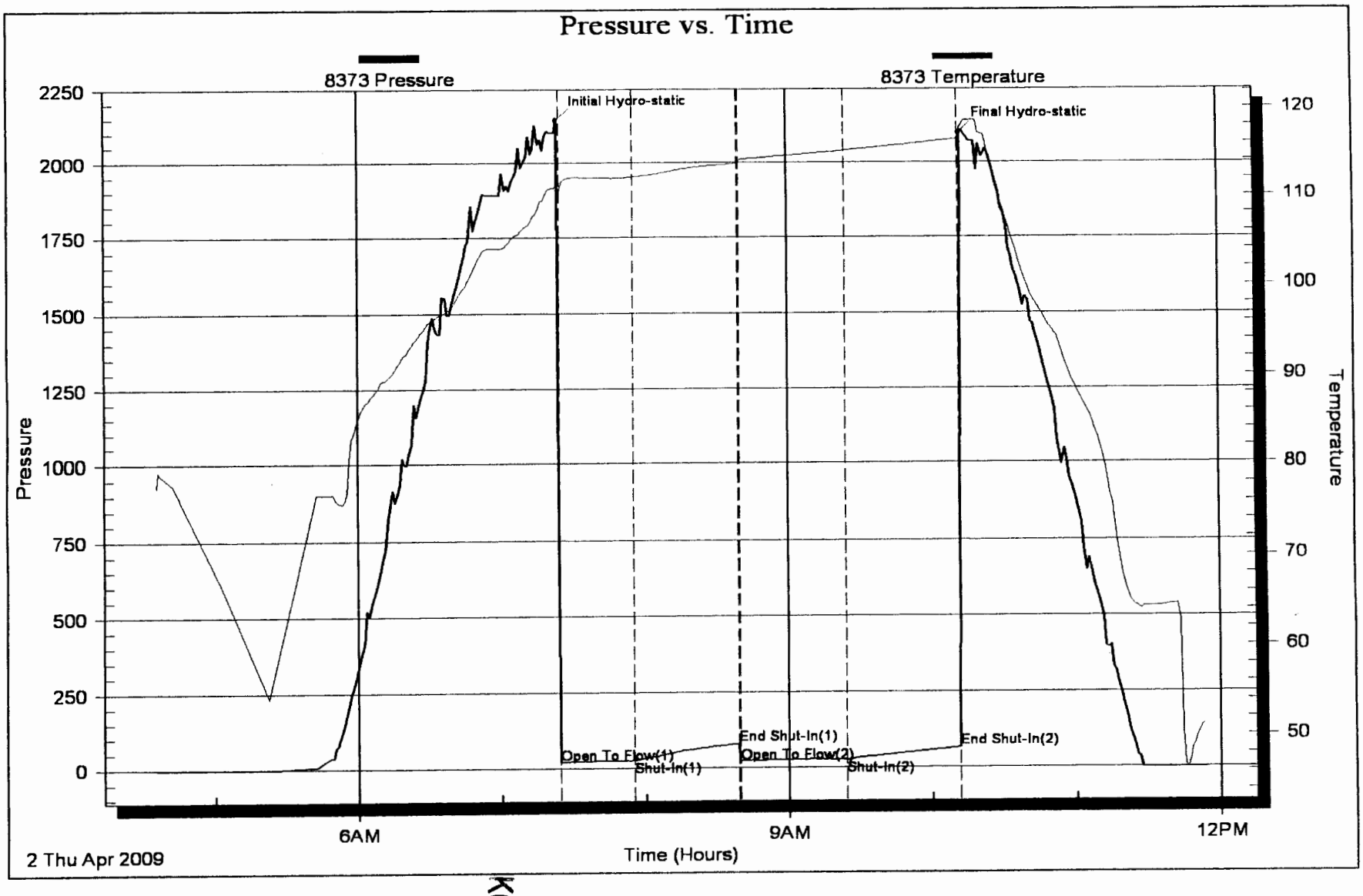
Total Length: 40.00 ft Total Volume: 0.279 bbl

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

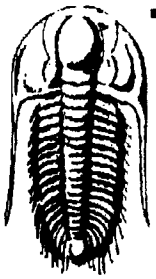
Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8373 **Inside** American Warrior Inc 23-18s-26w Ness, Ks DST Test Number: 1



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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

23-18s-26w Ness, Ks

Harkness 6-23

Start Date: 2009.04.03 @ 04:51:21

End Date: 2009.04.03 @ 12:23:00

Job Ticket #: 34273 DST #: 2

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34273 **DST#: 2**

Test Start: 2009.04.03 @ 04:51:21

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:03:31
Time Test Ended: 12:23:00

Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35

Interval: 4497.00 ft (KB) To 4530.00 ft (KB) (TVD)
Total Depth: 4530.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

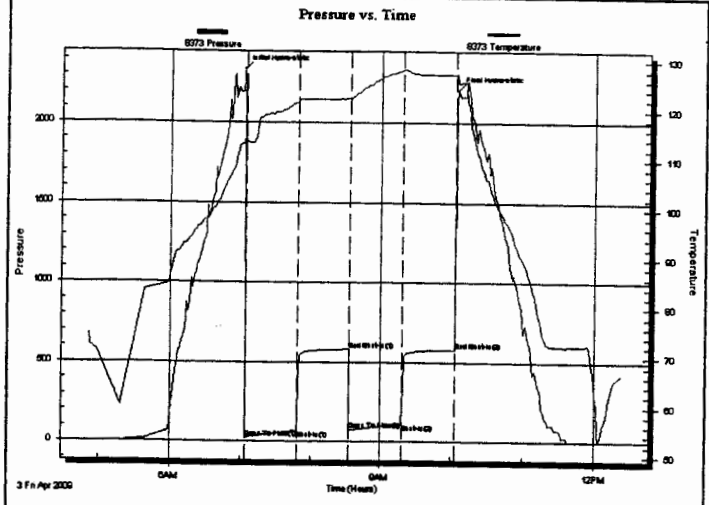
Reference Elevations: 2616.00 ft (KB)
2608.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 112.46 psig @ 4498.00 ft (KB)
Start Date: 2009.04.03 End Date: 2009.04.03
Start Time: 04:51:21 End Time: 12:23:00

Capacity: 7000.00 psig
Last Calib.: 2009.04.03
Time On Btm: 2009.04.03 @ 07:02:16
Time Off Btm: 2009.04.03 @ 10:04:45

TEST COMMENT: IF: 1/4 blow built to 7 in 45 min.
IS: No return.
FF: 1/4 blow built to 6 in 45 min.
FS: Weak surface blow never built.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2334.30	113.55	Initial Hydro-static
2	16.74	113.96	Open To Flow (1)
46	68.92	121.67	Shut-In(1)
91	579.59	122.40	End Shut-In(1)
91	70.74	122.16	Open To Flow (2)
136	112.46	128.19	Shut-In(2)
182	577.78	127.29	End Shut-In(2)
183	2204.86	125.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 80%w 20%m	0.59
62.00	mcw 60%w 40%m	0.87
62.00	ocm 10%o 90%m	0.87
31.00	go 10%g 90%o	0.43
0.00	GIP 93	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

P.O. Box 399
Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34273 **DST#: 2**

Test Start: 2009.04.03 @ 04:51:21

Tool Information

Drill Pipe:	Length:	4459.00 ft	Diameter:	3.80 inches	Volume:	62.55 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	62.70 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	4497.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	33.00 ft
Tool Length:	60.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		1500.00 lb
Weight set on Packer:		30000.00 lb
Weight to Pull Loose:		80000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	56000.00 lb
	Final	57000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4471.00		
Shut In Tool	5.00			4476.00		
Hydraulic tool	5.00			4481.00		
Jars	5.00			4486.00		
Safety Joint	2.00			4488.00		
Packer	5.00			4493.00	27.00	Bottom Of Top Packer
Packer	4.00			4497.00		
Stubb	1.00			4498.00		
Recorder	0.00	8322	Inside	4498.00		
Recorder	0.00	8373	Inside	4498.00		
Perforations	27.00			4525.00		
Bullnose	5.00			4530.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

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FLUID SUMMARY

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Garden City, Ks 67848

ATTN: Jason Alm

Harkness 6-23

23-18s-26w Ness, Ks

Job Ticket: 34273 **DST#: 2**

Test Start: 2009.04.03 @ 04:51:21

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	23000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

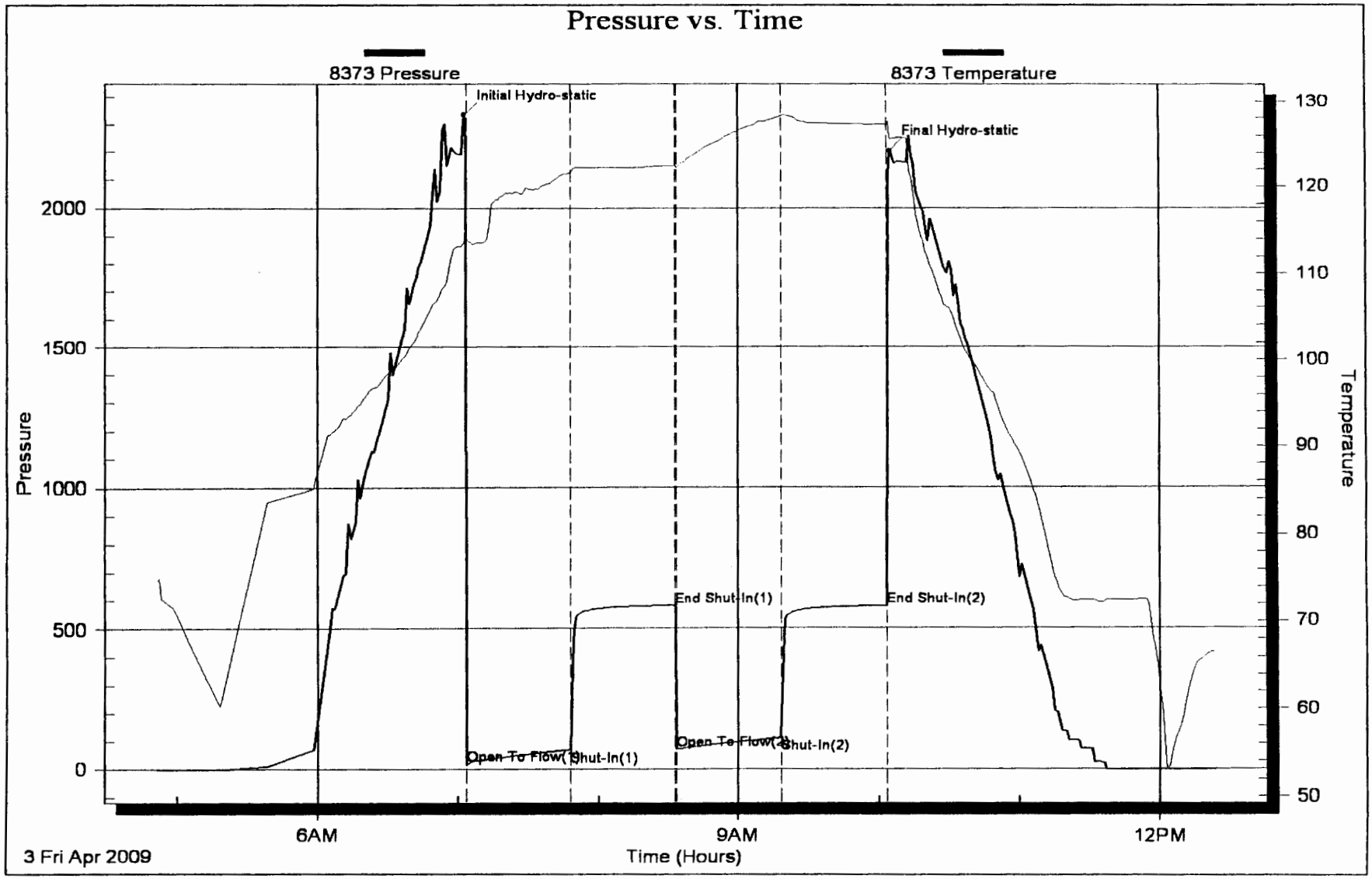
Length ft	Description	Volume bbl
62.00	mcw 80%w 20%m	0.587
62.00	mcw 60%w 40%m	0.870
62.00	ocm 10%o 90%m	0.870
31.00	go 10%g 90%o	0.435
0.00	GIP 93	0.000

Total Length: 217.00 ft Total Volume: 2.762 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 37@60=37
RW.37@61=23000



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