

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: Samuel Gary Jr & Associates Inc

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

10 17S 12W Barton KS

Reif # 2-10

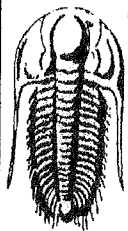
Start Date: 2008.07.04 @ 10:51:55

End Date: 2008.07.04 @ 15:37:25

Job Ticket #: 32171 DST #: 1

KCC
OCT 24 2008
CONFIDENTIAL

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32171

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2008.07.04 @ 10:51:55

GENERAL INFORMATION:

Formation: **LKC "C-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:23:55

Time Test Ended: 15:37:25

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3096.00 ft (KB) To 3160.00 ft (KB) (TVD)**

Total Depth: 3160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1880.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8367**

Inside

Press@RunDepth: 19.84 psig @ 3101.00 ft (KB)

Start Date: 2008.07.04

End Date:

2008.07.04

Capacity: 7000.00 psig

Start Time: 10:51:56

End Time:

15:37:25

Last Calib.: 2008.07.04

Time On Btm: 2008.07.04 @ 12:18:55

Time Off Btm: 2008.07.04 @ 14:22:40

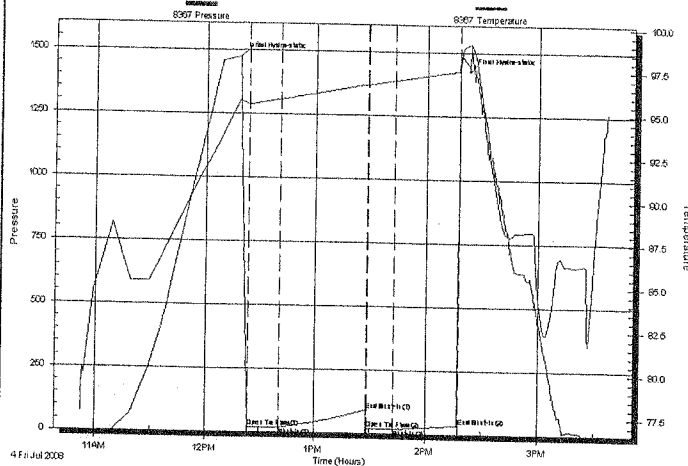
TEST COMMENT: IFP Weak surface blow died in 17 min

ISI No blow back

FFP No blow

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

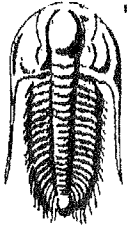
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1470.25	95.73	Initial Hydro-static
5	18.49	95.46	Open To Flow (1)
23	18.97	95.79	Shut-In(1)
69	91.84	96.69	End Shut-In(1)
70	19.29	96.67	Open To Flow (2)
84	19.84	96.92	Shut-In(2)
119	34.66	97.52	End Shut-In(2)
124	1424.41	99.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32171

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2008.07.04 @ 10:51:55

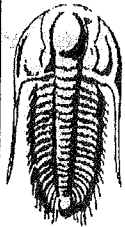
Tool Information

Drill Pipe:	Length: 3079.00 ft	Diameter: 3.82 inches	Volume: 43.65 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3096.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3069.00	
Shut In Tool	5.00			3074.00	
Hydraulic tool	5.00			3079.00	
Jars	5.00			3084.00	
Safety Joint	2.00			3086.00	
Packer	5.00			3091.00	28.00 Bottom Of Top Packer
Packer	5.00			3096.00	
Stubb	1.00			3097.00	
Perforations	3.00			3100.00	
Change Over Sub	1.00			3101.00	
Recorder	0.00	8367	Inside	3101.00	
Recorder	0.00	8374	Inside	3101.00	
Blank Spacing	32.00			3133.00	
Change Over Sub	1.00			3134.00	
Perforations	23.00			3157.00	
Bullnose	3.00			3160.00	64.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32171

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2008.07.04 @ 10:51:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 13.56 in³

Resistivity: ohm.m

Salinity: 5500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud	0.071

Total Length:

5.00 ft

Total Volume:

0.071 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

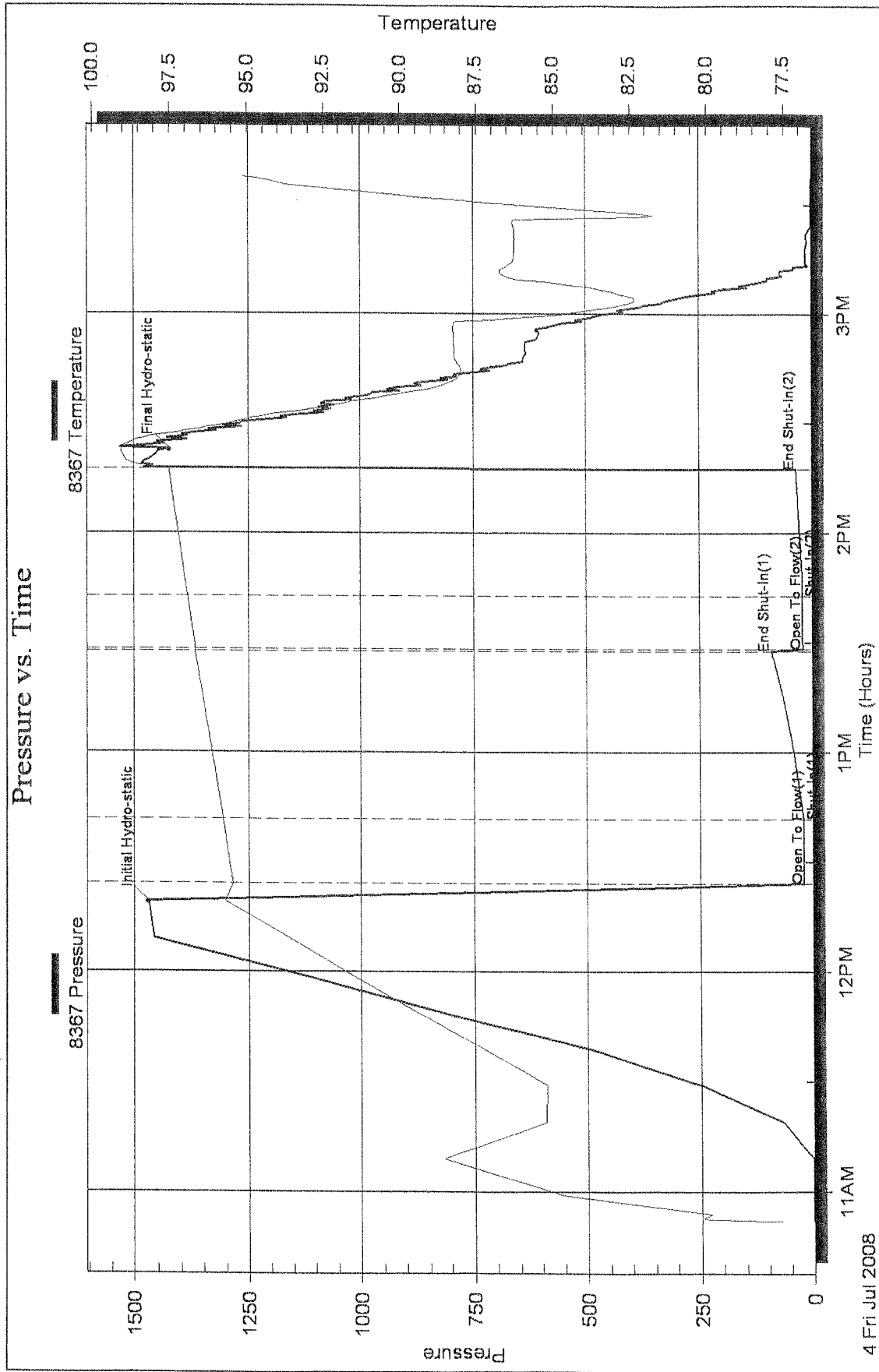
Serial #: 8367

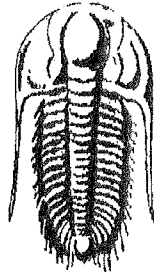
Inside Samuel Gary Jr & Associates Inc

10 17S 12W Barton KS

DST Test Number: 1

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates Inc**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

10 17S 12W Barton KS

Reif # 2-10

Start Date: 2008.07.05 @ 10:38:10

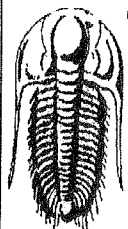
End Date: 2008.07.05 @ 18:21:40

Job Ticket #: 32172 DST #: 2

Trilobite Testing, Inc

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



**TRILOBITE
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DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32172

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2008.07.05 @ 10:38:10

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:19:10

Time Test Ended: 18:21:40

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3322.00 ft (KB) To 3365.00 ft (KB) (TVD)**

Total Depth: 3365.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1880.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8374**

Inside

Press@RunDepth: 763.62 psig @ 3327.00 ft (KB)

Start Date: 2008.07.05

End Date:

2008.07.05

Capacity: 7000.00 psig

Start Time: 10:38:11

End Time:

18:21:40

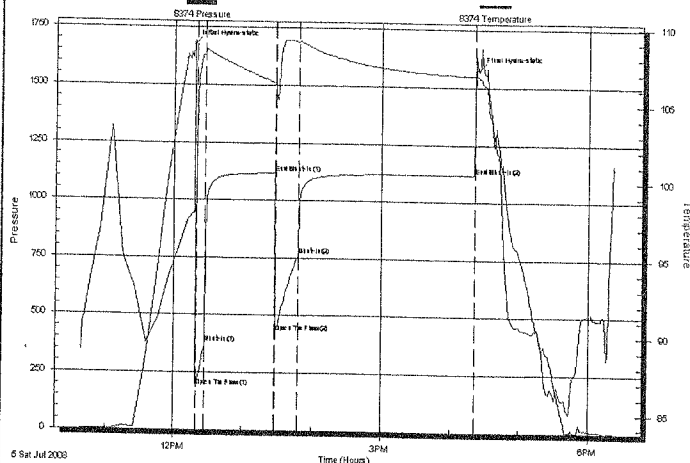
Last Calib.: 2008.07.05

Time On Btm: 2008.07.05 @ 12:17:10

Time Off Btm: 2008.07.05 @ 16:24:10

TEST COMMENT: IFP BOB in 1 min
ISI No blow back
FFP BOB in 1 min
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

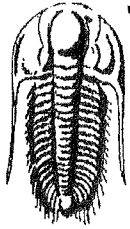
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.92	97.89	Initial Hydro-static
2	187.03	99.17	Open To Flow (1)
10	375.79	108.19	Shut-In (1)
70	1117.20	106.39	End Shut-In (1)
71	425.18	106.10	Open To Flow (2)
91	763.62	109.02	Shut-In (2)
244	1119.00	106.93	End Shut-In (2)
247	1574.43	106.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1022.00	Water	14.49
243.00	MW 95%W 5%M	3.44
372.00	MW/scum O 85%W 15%M	5.27
5.00	CO	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32172

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2008.07.05 @ 10:38:10

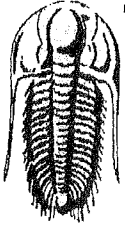
Tool Information

Drill Pipe:	Length: 3298.00 ft	Diameter: 3.82 inches	Volume: 46.75 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3322.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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	
Jars	5.00			3310.00	
Safety Joint	2.00			3312.00	
Packer	5.00			3317.00	28.00 Bottom Of Top Packer
Packer	5.00			3322.00	
Stubb	1.00			3323.00	
Perforations	3.00			3326.00	
Change Over Sub	1.00			3327.00	
Recorder	0.00	8367	Inside	3327.00	
Recorder	0.00	8374	Inside	3327.00	
Blank Spacing	32.00			3359.00	
Change Over Sub	1.00			3360.00	
Perforations	2.00			3362.00	
Bullnose	3.00			3365.00	43.00 Bottom Packers & Anchor
Total Tool Length:	71.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Reif # 2-10

1560 Broadway Ste 2100
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Job Ticket: 32172

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2008.07.05 @ 10:38:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 11.58 in³

Resistivity: ohm.m

Salinity: 4700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

33 deg API

11000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1022.00	Water	14.487
243.00	MMV 95%W 5%M	3.445
372.00	MMw/scum O 85%W 15%M	5.273
5.00	CO	0.071

Total Length: 1642.00 ft

Total Volume: 23.276 bbl

Num Fluid Samples: 0

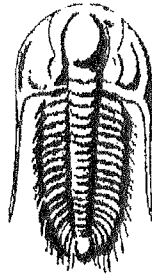
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates Inc**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

10 17S 12W Barton KS

Reif # 2-10

Start Date: 2008.07.06 @ 09:00:39

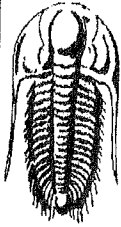
End Date: 2008.07.06 @ 14:11:54

Job Ticket #: 32173 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32173

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2008.07.06 @ 09:00:39

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:45:24

Time Test Ended: 14:11:54

Test Type: Conventional Straddle

Tester: Tyson Flax

Unit No: 44

Interval: **3336.00 ft (KB) To 3359.00 ft (KB) (TVD)**

Total Depth: 3452.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1880.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8367** Inside

Press@RunDepth: 19.29 psig @ 3337.00 ft (KB)

Start Date: 2008.07.06

End Date:

2008.07.06

Capacity: 7000.00 psig

Start Time: 09:00:40

End Time:

14:11:54

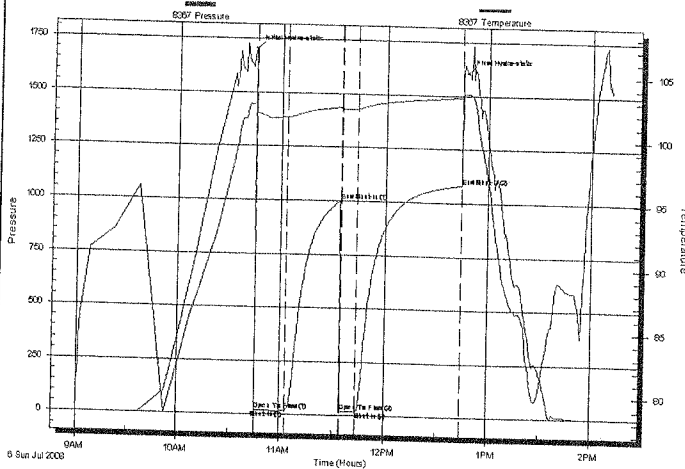
Last Calib.: 2008.07.06

Time On Btm: 2008.07.06 @ 10:44:54

Time Off Btm: 2008.07.06 @ 12:47:24

TEST COMMENT: IFP Weak surface blow died in 5 min
ISI No blow back
FFP Weak surface blow died in 30 sec
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

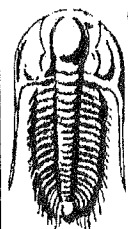
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.28	102.62	Initial Hydro-static
1	18.16	101.88	Open To Flow (1)
18	18.10	101.57	Shut-In (1)
49	999.65	102.40	End Shut-In (1)
50	18.88	101.95	Open To Flow (2)
59	19.29	102.30	Shut-In (2)
120	1081.86	103.33	End Shut-In (2)
123	1606.53	103.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 5%O 95%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32173

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2008.07.06 @ 09:00:39

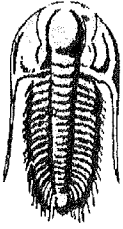
Tool Information

Drill Pipe:	Length: 3333.00 ft	Diameter: 3.82 inches	Volume: 47.25 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 47.25 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3336.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3359.00 ft			
Interval between Packers:	23.00 ft			
Tool Length:	146.00 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			3309.00	
Shut In Tool	5.00			3314.00	
Hydraulic tool	5.00			3319.00	
Jars	5.00			3324.00	
Safety Joint	2.00			3326.00	
Packer	5.00			3331.00	28.00 Bottom Of Top Packer
Packer	5.00			3336.00	
Stubb	1.00			3337.00	
Recorder	0.00	8367	Inside	3337.00	
Perforations	18.00			3355.00	
Recorder	0.00	3351	Inside	3355.00	
Blank Off Sub	1.00			3356.00	
Stubb	3.00			3359.00	23.00 Tool Interval
Packer	1.00			3360.00	
Stubb	1.00			3361.00	
Perforations	1.00			3362.00	
Recorder	0.00	8374	Outside	3362.00	
Perforations	1.00			3363.00	
Change Over Sub	1.00			3364.00	
Blank Spacing	90.00			3454.00	95.00 Bottom Packers & Anchor

Total Tool Length: 146.00



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FLUID SUMMARY

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Reif # 2-10

1560 Broadway Ste 2100
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10 17S 12W Barton KS

Job Ticket: 32173

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2008.07.06 @ 09:00:39

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 12.19 in³

Resistivity: ohm.m

Salinity: 5500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM5%O 95%M	0.071

Total Length: 5.00 ft Total Volume: 0.071 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

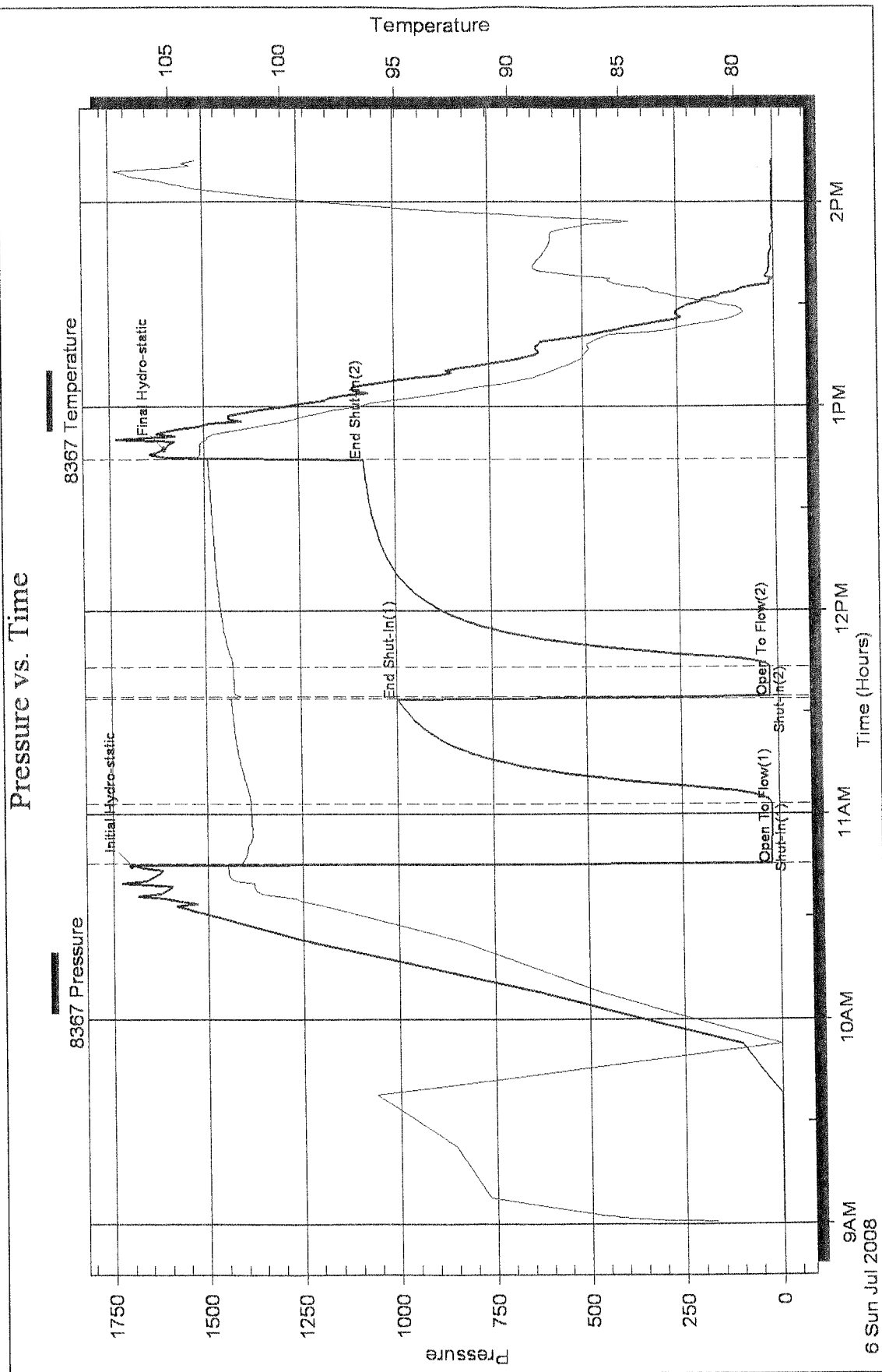
Serial #:

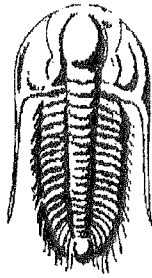
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates Inc**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

10 17S 12W Barton KS

Reif # 2-10

Start Date: 2008.07.06 @ 14:33:58

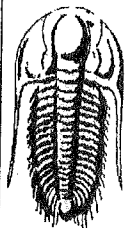
End Date: 2008.07.06 @ 23:59:58

Job Ticket #: 32174 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32174

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2008.07.06 @ 14:33:58

GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:50:28

Time Test Ended: 23:59:58

Test Type: Conventional Straddle

Tester: Tyson Flax

Unit No: 44

Interval: 3192.00 ft (KB) To 3248.00 ft (KB) (TVD)

Total Depth: 3450.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1880.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8374 Inside

Press@RunDepth: 84.00 psig @ 3193.00 ft (KB)

Start Date: 2008.07.06

End Date:

2008.07.06

Capacity: 7000.00 psig

Last Calib.: 2008.07.07

Start Time: 14:33:59

End Time:

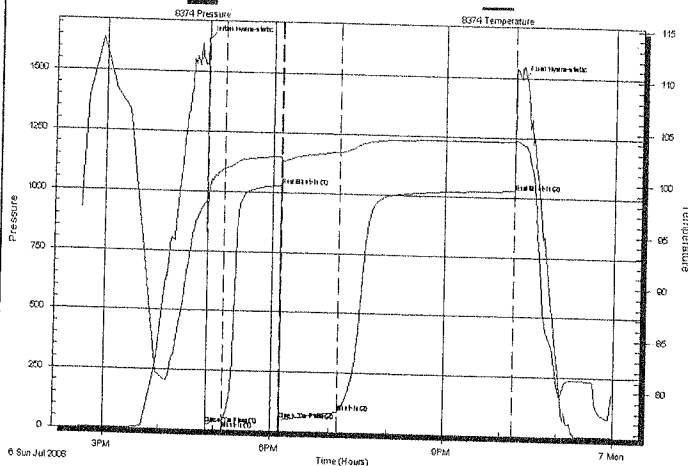
23:59:58

Time On Btm: 2008.07.06 @ 16:49:58

Time Off Btm: 2008.07.06 @ 22:19:28

TEST COMMENT: IFF Weak blow built to 5.5 "
ISI No blow back
FFP Weak blow built to BOB in 31 min died to 7 "
FSI Weak surface blow back died in 5 min

Pressure vs. Time



PRESSURE SUMMARY

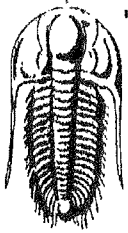
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1636.16	97.95	Initial Hydro-static
1	23.84	97.34	Open To Flow (1)
19	40.58	100.92	Shut-In(1)
79	1028.60	102.21	End Shut-In(1)
79	49.58	101.74	Open To Flow (2)
138	84.00	102.73	Shut-In(2)
323	1024.77	104.10	End Shut-In(2)
330	1498.25	103.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	GOCM 30%G 20%O 50%M	1.84
5.00	GCO 30%G 70%O	0.07
0.00	345' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32174

DST#: 4

ATTN: Clayton Camozzi

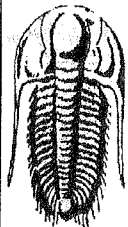
Test Start: 2008.07.06 @ 14:33:58

Tool Information

Drill Pipe:	Length: 3175.00 ft	Diameter: 3.82 inches	Volume: 45.01 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3192.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3248.00 ft			
Interval between Packers:	56.00 ft			
Tool Length:	289.00 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			3165.00	
Shut In Tool	5.00			3170.00	
Hydraulic tool	5.00			3175.00	
Jars	5.00			3180.00	
Safety Joint	2.00			3182.00	
Packer	5.00			3187.00	28.00 Bottom Of Top Packer
Packer	5.00			3192.00	
Stubb	1.00			3193.00	
Recorder	0.00	8374	Inside	3193.00	
Perforations	3.00			3196.00	
Change Over Sub	1.00			3197.00	
Blank Spacing	31.00			3228.00	
Change Over Sub	1.00			3229.00	
Perforations	15.00			3244.00	
Recorder	0.00	3351	Inside	3244.00	
Blank Off Sub	1.00			3245.00	
Stubb	3.00			3248.00	56.00 Tool Interval
Packer	1.00			3249.00	
Stubb	1.00			3250.00	
Perforations	14.00			3264.00	
Recorder	0.00	8367	Outside	3264.00	
Change Over Sub	1.00			3265.00	
Blank Spacing	188.00			3453.00	205.00 Bottom Packers & Anchor
Total Tool Length:		289.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates Inc

Reif # 2-10

1560 Broadway Ste 2100
Denver CO 80202

10 17S 12W Barton KS

Job Ticket: 32174

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2008.07.06 @ 14:33:58

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	GOCM 30%G 20%O 50%M	1.843
5.00	GCO 30%G 70%O	0.071
0.00	345' GIP	0.000

Total Length: 135.00 ft

Total Volume: 1.914 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8374

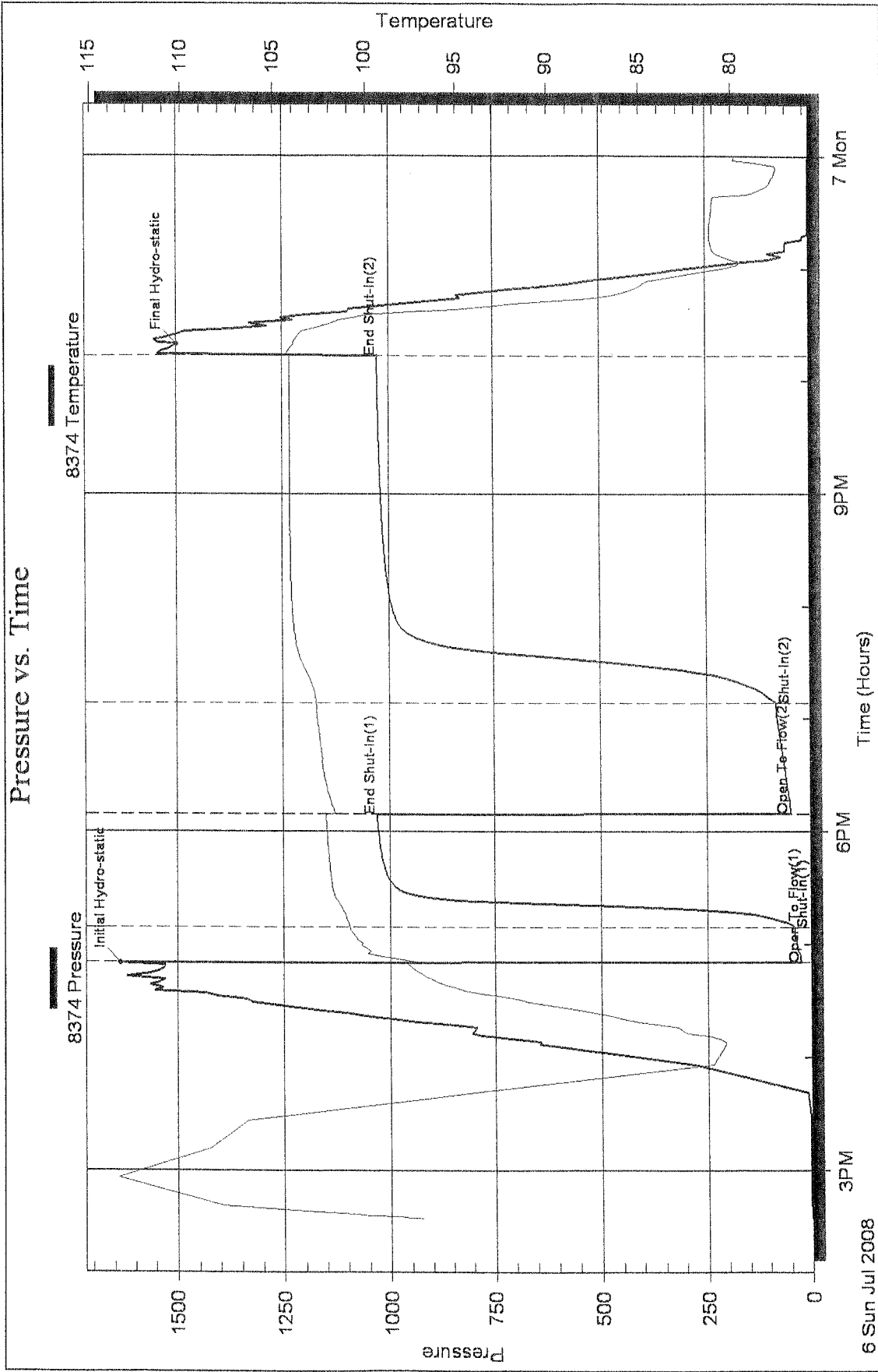
Inside

Samuel Gary Jr & Associates Inc

10 17S 12W Barton KS

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 32174

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