

DRILL STEM TEST REPORT

Prepared For: **Gateway Resources LLC**

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

8 7 22W Graham KS

Ambrosier #1-8x

Start Date: 2006.09.03 @ 12:59:16

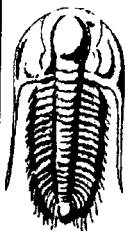
End Date: 2006.09.03 @ 20:31:45

Job Ticket #: 26792 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Gateway Resources LLC

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

Ambrosier #1-8x

8 7 22W Graham KS

Job Ticket: 26792

DST#: 1

Test Start: 2006.09.03 @ 12:59:16

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:02:15

Time Test Ended: 20:31:45

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3597.00 ft (KB) To 3618.00 ft (KB) (TVD)**

Total Depth: 3618.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2360.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 544.56 psig @ 3598.01 ft (KB)

Start Date: 2006.09.03

End Date: 2006.09.03

Capacity: 7000.00 psig

Last Calib.: 2006.09.03

Start Time: 12:59:16

End Time: 20:31:45

Time On Btm: 2006.09.03 @ 15:01:15

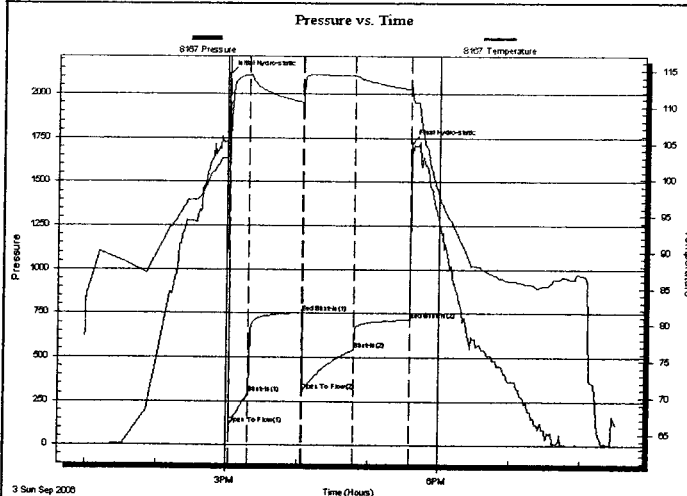
Time Off Btm: 2006.09.03 @ 17:36:15

TEST COMMENT: IFP Strg bl in 1 min

FFP Srg bl in 1 min

Times 15 45 45 45

ISP 4 3/4 " bl bk



PRESSURE SUMMARY

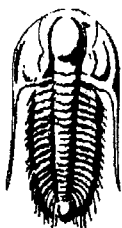
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.36	103.46	Initial Hydro-static
1	119.59	105.10	Open To Flow (1)
17	290.15	114.40	Shut-In (1)
62	753.24	110.66	End Shut-In (1)
63	308.76	111.44	Open To Flow (2)
107	544.56	114.28	Shut-In (2)
155	715.44	112.42	End Shut-In (2)
155	1718.72	112.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	Water RW .17 @ 73F	5.86
186.00	OCW 5%O 95%W	2.61
186.00	OCMW 10%O 15%M 75%W	2.61
124.00	O&GCMW 10%G 10%O 60%W 20%M	1.74
50.00	HO&GCMW 15%G 22%O 47%W 20%M	0.70
220.00	CO	3.09

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26792

DST#: 1

ATTN: Gary Gensch

Test Start: 2006.09.03 @ 12:59:16

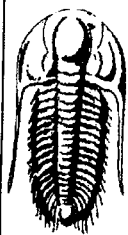
Tool Information

Drill Pipe:	Length: 3464.00 ft	Diameter: 3.80 inches	Volume: 48.59 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	80000.00 lb
			Total Volume: 49.18 bbl	Tool Chased	4.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3597.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.02 ft				
Tool Length:	42.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3577.00	
Shut In Tool	5.00			3582.00	
Hydraulic tool	5.00			3587.00	
Packer	5.00			3592.00	21.00 Bottom Of Top Packer
Packer	5.00			3597.00	
Stubb	1.00			3598.00	
Recorder	0.01	8167	Inside	3598.01	
Perforations	17.00			3615.01	
Recorder	0.01	13534	Outside	3615.02	
Bullnose	3.00			3618.02	21.02 Bottom Packers & Anchor
Total Tool Length:	42.02				



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26792

DST#: 1

ATTN: Gary Gensch

Test Start: 2006.09.03 @ 12:59:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 39000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.12 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	Water RW .17 @ 73F	5.864
186.00	OCW 5%O 95%W	2.609
186.00	OCMW 10%O 15%M 75%W	2.609
124.00	O&GCMW 10%G 10%O 60%W 20%M	1.739
50.00	HO&GCMW 15%G 22%O 47%W 20%M	0.701
220.00	CO	3.086
0.00	1215' GIP	0.000

Total Length: 1262.00 ft

Total Volume: 16.608 bbl

Num Fluid Samples: 0

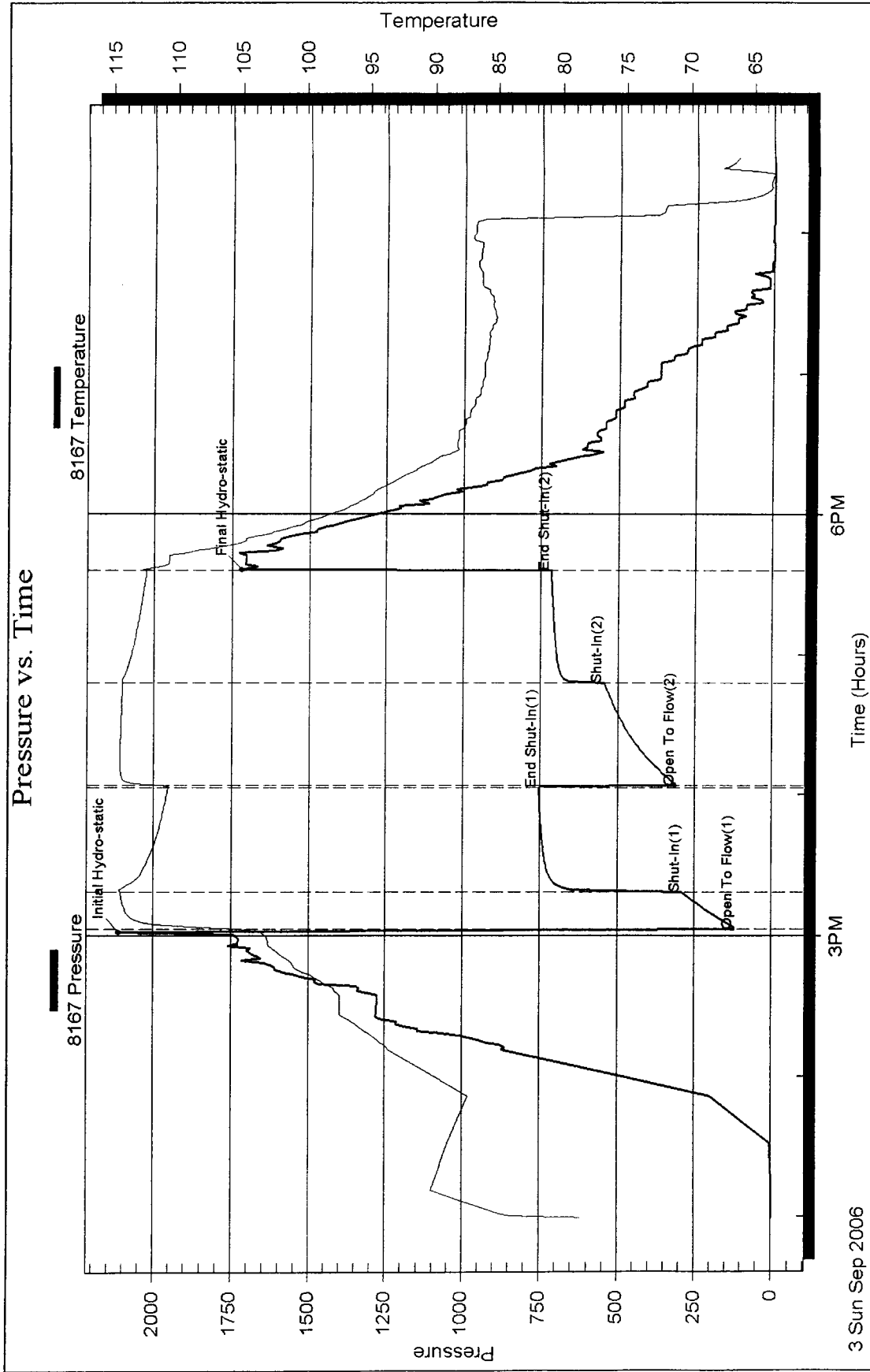
Num Gas Bombs: 0

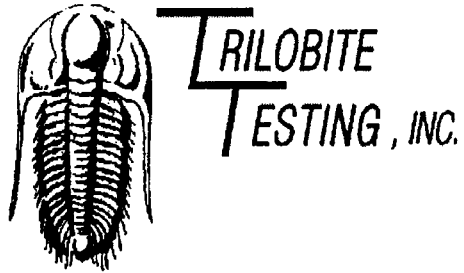
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Gateway Resources LLC**

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

8 7 22W Graham KS

Ambrosier #1-8x

Start Date: 2006.09.04 @ 04:03:55

End Date: 2006.09.04 @ 10:53:24

Job Ticket #: 26793 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Gateway Resources LLC

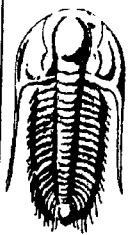
Ambrosier #1-8x

8 7 22W Graham KS

DST # 2

LKC "C"

2006.09.04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gateway Resources LLC

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

Ambrosier #1-8x

8 7 22W Graham KS

Job Ticket: 26793

DST#: 2

Test Start: 2006.09.04 @ 04:03:55

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:16:54

Time Test Ended: 10:53:24

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3625.00 ft (KB) To 3647.00 ft (KB) (TVD)**

Total Depth: **3647.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2360.00 ft (KB)**

2355.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **151.83 psig @ 3626.01 ft (KB)**

Start Date: **2006.09.04**

End Date:

2006.09.04

Start Time: **04:03:55**

End Time:

10:53:24

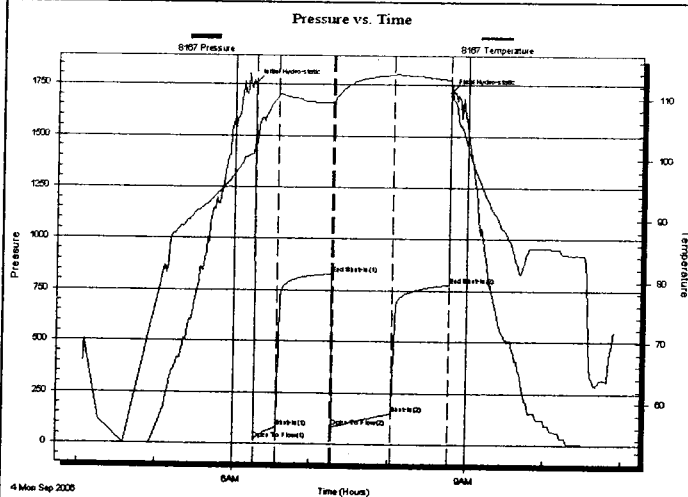
Capacity: **7000.00 psig**

Last Calib.: **2006.09.04**

Time On Btm: **2006.09.04 @ 06:16:24**

Time Off Btm: **2006.09.04 @ 08:46:54**

TEST COMMENT: IFP Wk to strg in 12 min
FFP Wk to a gd bl 1/2 " to 7 " bl
Times 15 45 45 45
ISIP Surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.88	102.60	Initial Hydro-static
1	20.37	102.22	Open To Flow (1)
18	80.65	110.41	Shut-In(1)
60	830.00	109.31	End Shut-In(1)
61	84.63	109.24	Open To Flow (2)
106	151.83	113.86	Shut-In(2)
150	779.35	113.11	End Shut-In(2)
151	1710.55	113.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Water RW .16 @ 68F	0.65
62.00	OCMW 5%O 10%M 85%W	0.87
50.00	HOCWM 20%O 15%W 65%M	0.70
90.00	CO	1.26
0.00	165'GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26793

DST#: 2

ATTN: Gary Gensch

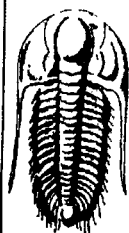
Test Start: 2006.09.04 @ 04:03:55

Tool Information

Drill Pipe:	Length: 3494.00 ft	Diameter: 3.80 inches	Volume: 49.01 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	49.60 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3625.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.02 ft				
Tool Length:	43.02 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			3605.00	
Shut In Tool	5.00			3610.00	
Hydraulic tool	5.00			3615.00	
Packer	5.00			3620.00	21.00 Bottom Of Top Packer
Packer	5.00			3625.00	
Stubb	1.00			3626.00	
Recorder	0.01	8167	Inside	3626.01	
Perforations	18.00			3644.01	
Recorder	0.01	13534	Outside	3644.02	
Bullnose	3.00			3647.02	22.02 Bottom Packers & Anchor
Total Tool Length:		43.02			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26793

DST#: 2

ATTN: Gary Gensch

Test Start: 2006.09.04 @ 04:03:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

46000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.12 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Water RW .16 @ 68F	0.646
62.00	OCMW 5%O 10%M 85%W	0.870
50.00	HOCWM 20%O 15%W 65%M	0.701
90.00	CO	1.262
0.00	165'GIP	0.000

Total Length: 326.00 ft

Total Volume: 3.479 bbl

Num Fluid Samples: 0

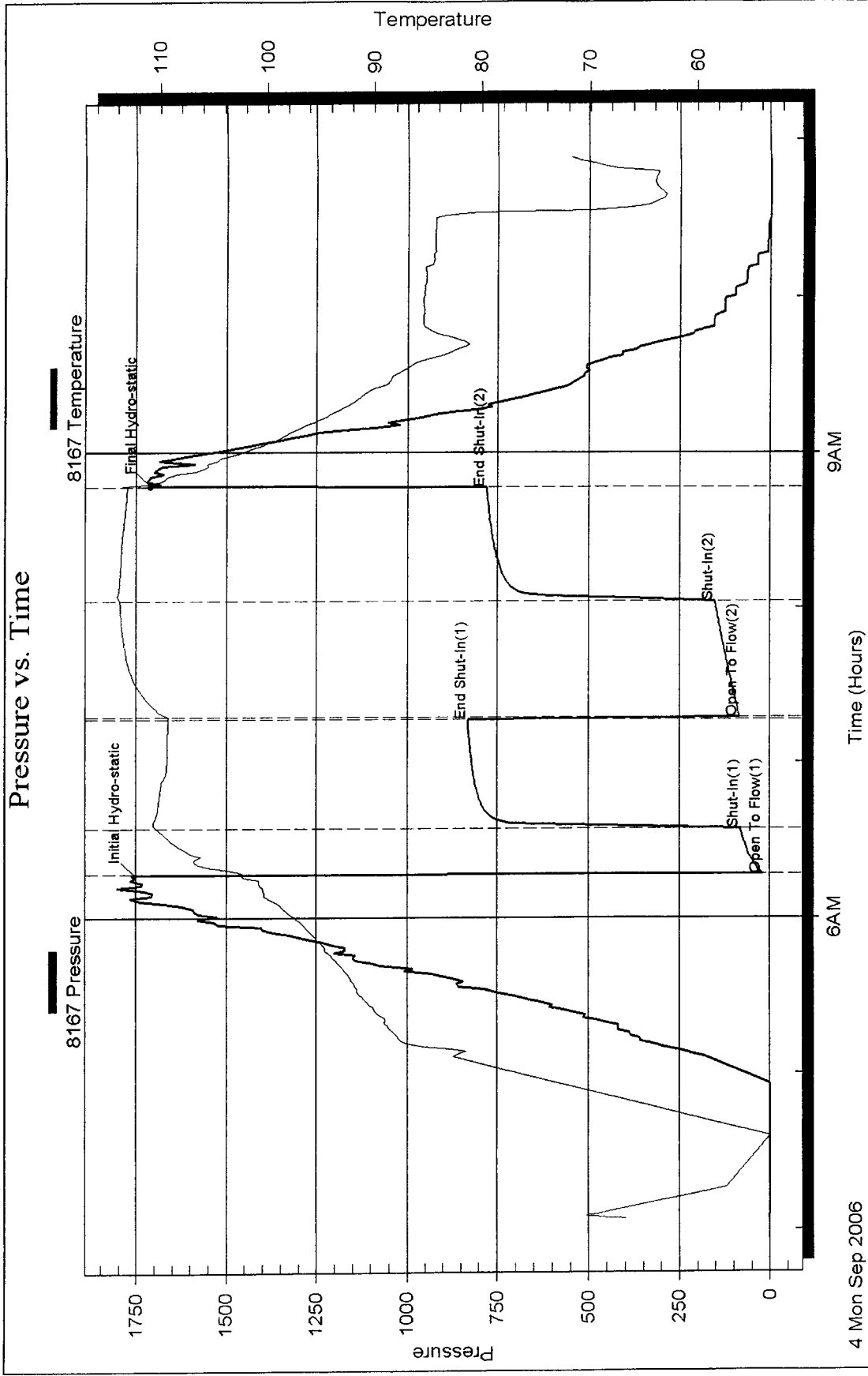
Num Gas Bombs: 0

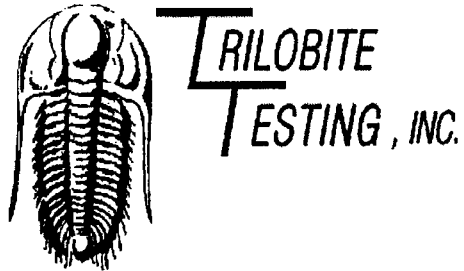
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Gateway Resources LLC**

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

8 7 22W Graham KS

Ambrosier #1-8x

Start Date: 2006.09.04 @ 19:17:18

End Date: 2006.09.05 @ 02:13:17

Job Ticket #: 26794 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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TESTING, INC.

DRILL STEM TEST REPORT

Gateway Resources LLC

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

Ambrosier #1-8x

8 7 22W Graham KS

Job Ticket: 26794

DST#: 3

Test Start: 2006.09.04 @ 19:17:18

GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:18:47

Time Test Ended: 02:13:17

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3661.00 ft (KB) To 3680.00 ft (KB) (TVD)**

Total Depth: 3680.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2360.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 183.98 psig @ 3662.01 ft (KB)

Start Date: 2006.09.04

End Date: 2006.09.05

Capacity: 7000.00 psig

Last Calib.: 2006.09.05

Start Time: 19:17:18

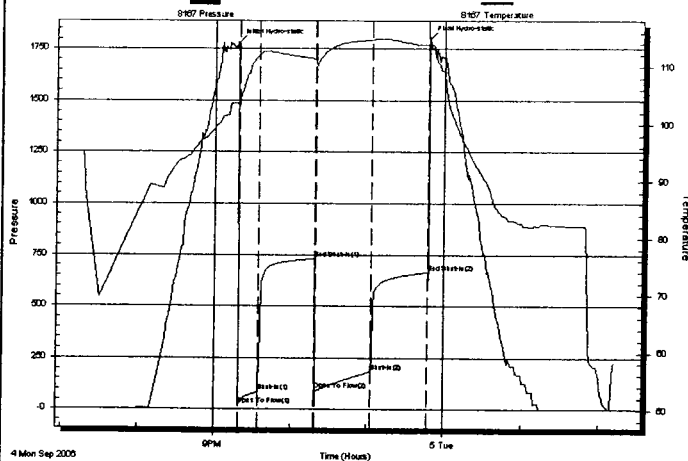
End Time: 02:13:17

Time On Btm: 2006.09.04 @ 21:18:17

Time Off Btm: 2006.09.04 @ 23:48:17

TEST COMMENT: IFP Wk to strg in 7 mn
FFP Wk to strg in 8 min
Times 15 45 45 45
ISIP Surface bl bk

Pressure vs. Time



PRESSURE SUMMARY

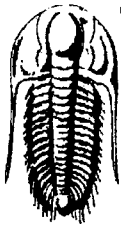
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.95	103.72	Initial Hydro-static
1	20.31	103.25	Open To Flow (1)
16	84.65	111.98	Shut-In(1)
61	730.24	111.44	End Shut-In(1)
61	92.52	110.93	Open To Flow (2)
105	183.98	114.77	Shut-In(2)
149	663.86	113.85	End Shut-In(2)
150	1798.67	113.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	SOCMW 3%O 7%M 90%W	0.65
62.00	O&GCWM 10%G 10%O 15%W 65%M	0.87
62.00	MGO 10%G 80%O 10%M	0.87
200.00	CO	2.81
0.00	600' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26794

DST#: 3

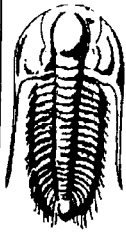
ATTN: Gary Gensch

Test Start: 2006.09.04 @ 19:17:18

Tool Information

Drill Pipe:	Length: 3553.00 ft	Diameter: 3.80 inches	Volume: 49.84 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	50.43 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3661.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.02 ft				
Tool Length:	40.02 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			3641.00	
Shut In Tool	5.00			3646.00	
Hydraulic tool	5.00			3651.00	
Packer	5.00			3656.00	21.00 Bottom Of Top Packer
Packer	5.00			3661.00	
Stubb	1.00			3662.00	
Recorder	0.01	8167	Inside	3662.01	
Perforations	15.00			3677.01	
Recorder	0.01	13534	Outside	3677.02	
Bullnose	3.00			3680.02	19.02 Bottom Packers & Anchor
Total Tool Length:		40.02			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26794

DST#: 3

ATTN: Gary Gensch

Test Start: 2006.09.04 @ 19:17:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

37000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.11 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	SOCMW 3%O 7%M 90%W	0.646
62.00	O&GCWM 10%G 10%O 15%W 65%M	0.870
62.00	MGO 10%G 80%O 10%M	0.870
200.00	CO	2.805
0.00	600' GIP	0.000

Total Length: 448.00 ft

Total Volume: 5.191 bbl

Num Fluid Samples: 0

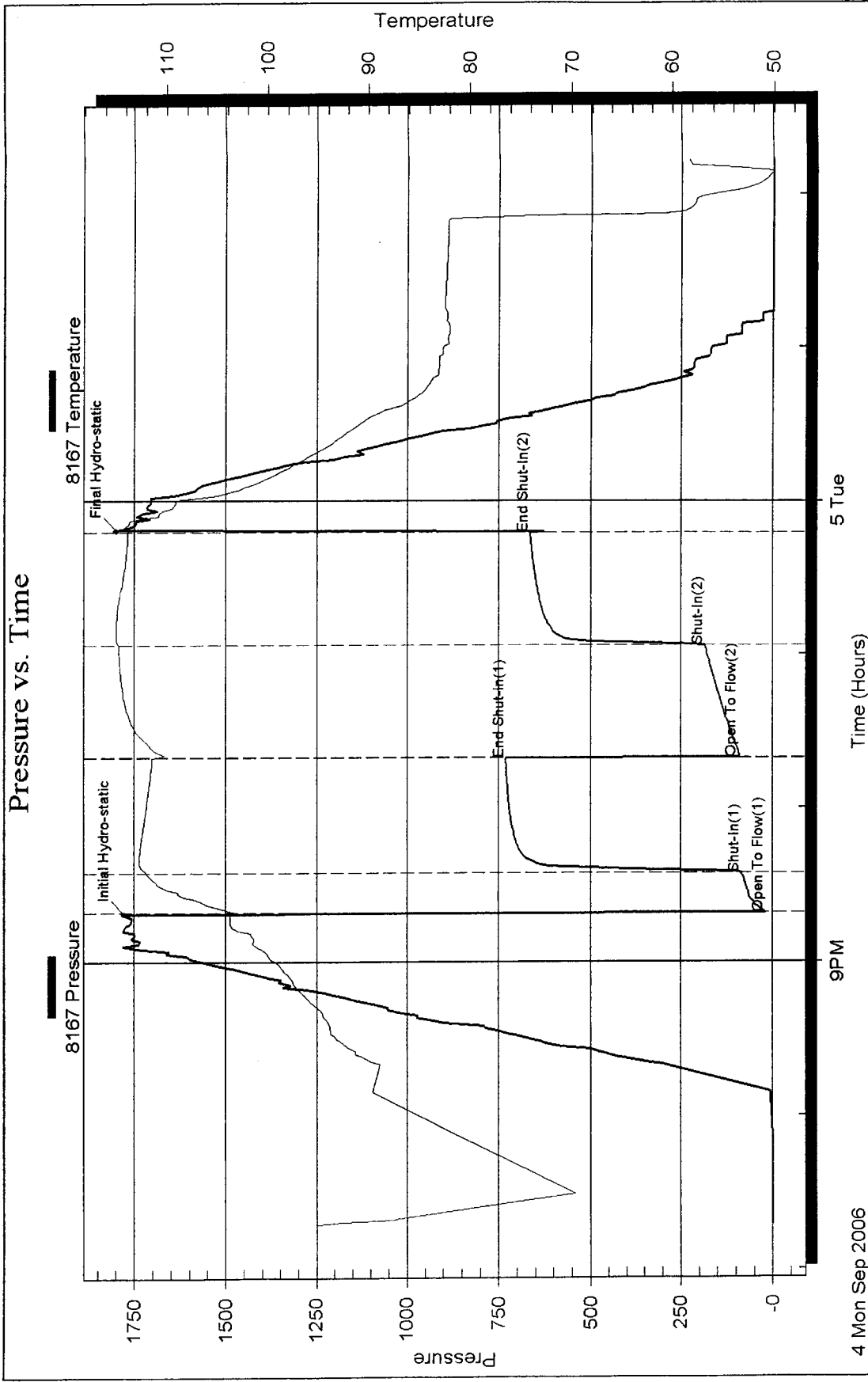
Num Gas Bombs: 0

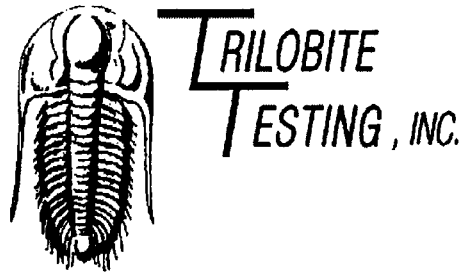
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Gateway Resources LLC**

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

8 7 22W Graham KS

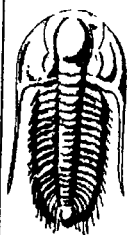
Ambrosier #1-8x

Start Date: 2006.09.05 @ 13:44:26

End Date: 2006.09.05 @ 17:39:55

Job Ticket #: 26795 DST #: 4

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



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TESTING, INC.

DRILL STEM TEST REPORT

Gateway Resources LLC

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

Ambrosier #1-8x

8 7 22W Graham KS

Job Ticket: 26795

DST#: 4

Test Start: 2006.09.05 @ 13:44:26

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:20:55

Time Test Ended: 17:39:55

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3742.00 ft (KB) To 3756.00 ft (KB) (TVD)**

Total Depth: **3756.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2360.00 ft (KB)**

2355.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8167 **Inside**

Press@RunDepth: **11.52 psig @ 3743.01 ft (KB)**

Start Date: **2006.09.05**

End Date: **2006.09.05**

Start Time: **13:44:26**

End Time: **17:39:55**

Capacity: **7000.00 psig**

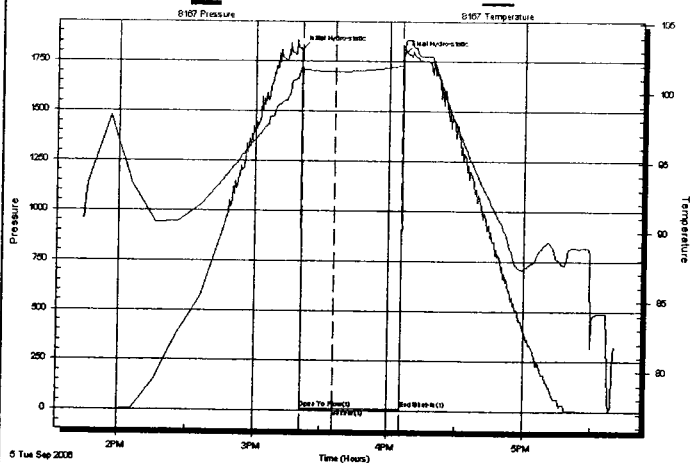
Last Calib.: **2006.09.05**

Time On Btm: **2006.09.05 @ 15:20:25**

Time Off Btm: **2006.09.05 @ 16:06:25**

TEST COMMENT: IFP Wk surface bl died in 4 min
Times 15 30 out

Pressure vs. Time



PRESSURE SUMMARY

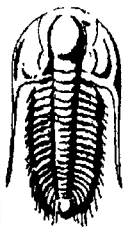
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1811.11	101.89	Initial Hydro-static
1	9.97	101.61	Open To Flow (1)
16	11.52	101.55	Shut-In(1)
46	13.72	101.98	End Shut-In(1)
46	1787.16	102.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Rec w/show of Oil in tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26795

DST#: 4

ATTN: Gary Gensch

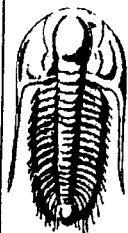
Test Start: 2006.09.05 @ 13:44:26

Tool Information

Drill Pipe:	Length: 3616.00 ft	Diameter: 3.80 inches	Volume: 50.72 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	51.31 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3742.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.02 ft				
Tool Length:	35.02 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			3722.00	
Shut In Tool	5.00			3727.00	
Hydraulic tool	5.00			3732.00	
Packer	5.00			3737.00	21.00 Bottom Of Top Packer
Packer	5.00			3742.00	
Stubb	1.00			3743.00	
Recorder	0.01	8167	Inside	3743.01	
Perforations	10.00			3753.01	
Recorder	0.01	13534	Outside	3753.02	
Bullnose	3.00			3756.02	14.02 Bottom Packers & Anchor
Total Tool Length:		35.02			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26795

DST#: 4

ATTN: Gary Gensch

Test Start: 2006.09.05 @ 13:44:26

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.12 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Rec w/show of Oil in tool	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

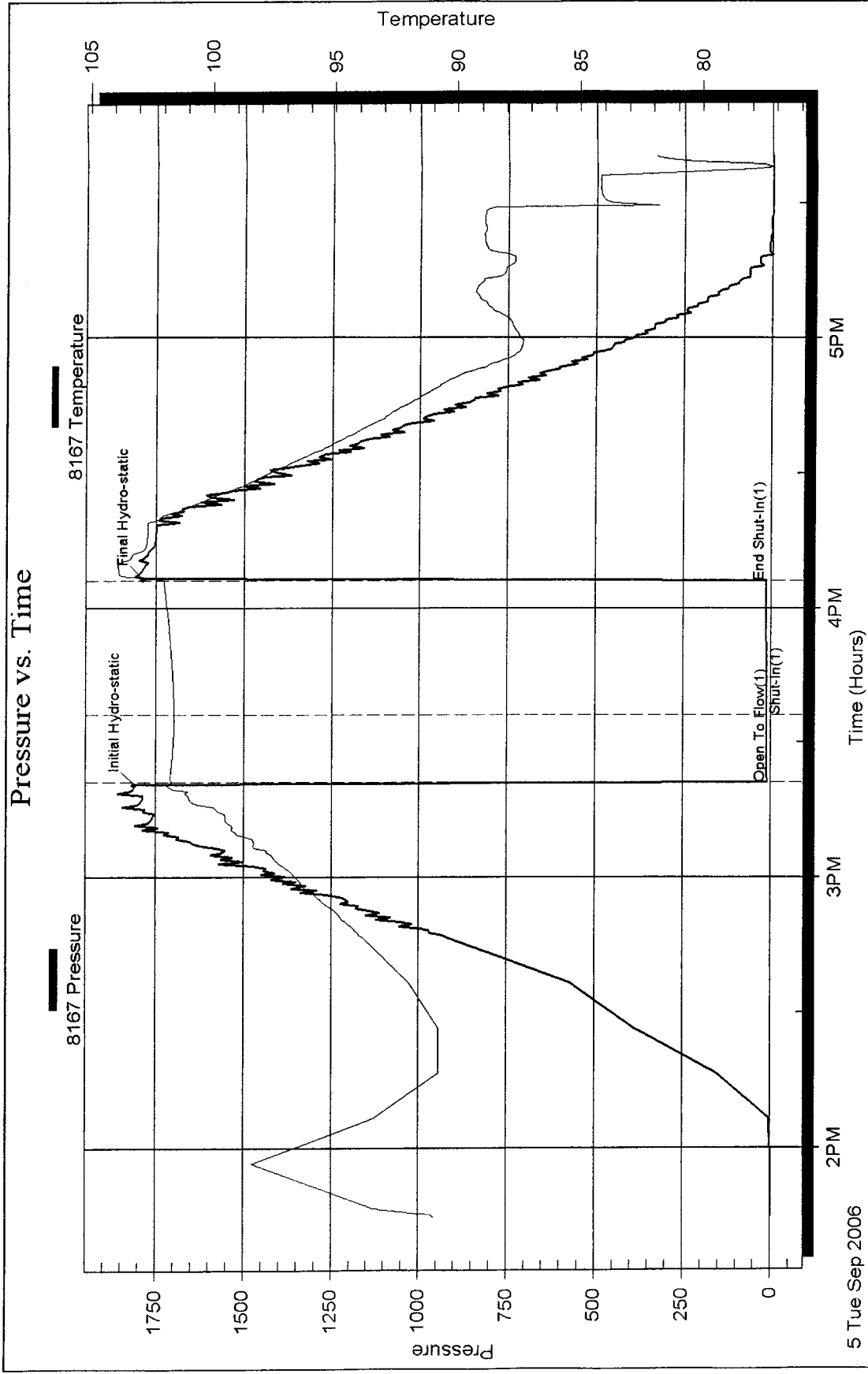
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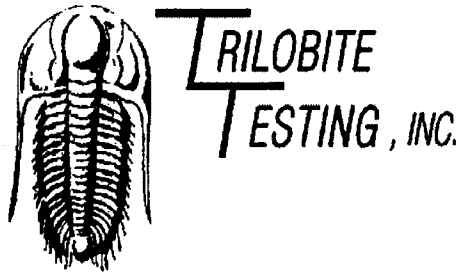
Inside

Gateway Resources LLC

8 7 22W/Graham KS

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Gateway Resources LLC**

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

8 7 22W Graham KS

Ambrosier #1-8x

Start Date: 2006.09.06 @ 03:25:15

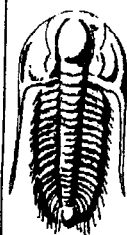
End Date: 2006.09.06 @ 10:45:15

Job Ticket #: 26796 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gateway Resources LLC

224 S Crestway
Wichita KS 67218

ATTN: Gary Gensch

Ambrosier #1-8x

8 7 22W Graham KS

Job Ticket: 26796

DST#: 5

Test Start: 2006.09.06 @ 03:25:15

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:27:15

Time Test Ended: 10:45:15

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3768.00 ft (KB) To 3796.00 ft (KB) (TVD)**

Total Depth: 3796.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2360.00 ft (KB)

2355.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8167

Inside

Press@RunDepth: 104.16 psig @ 3769.01 ft (KB)

Start Date: 2006.09.06

End Date: 2006.09.06

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

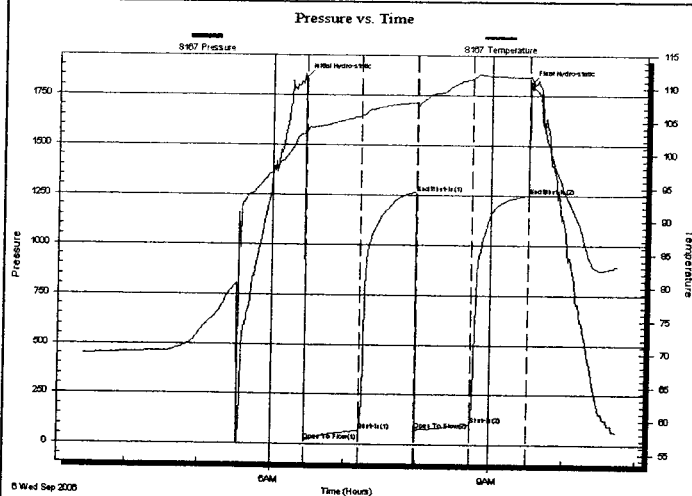
Start Time: 03:25:15

End Time: 10:45:15

Time On Btm: 2006.09.06 @ 06:26:45

Time Off Btm: 2006.09.06 @ 09:31:45

TEST COMMENT: IFP Wk to a fr bl 1/4 " to 4 1/2 " bl
FFP Wk to a fr bl 1/2 " to 4 1/2 " bl
Times 45 45 45 45
ISIP Surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1835.32	103.90	Initial Hydro-static
1	16.17	103.49	Open To Flow (1)
46	68.22	105.79	Shut-In(1)
92	1257.09	107.90	End Shut-In(1)
93	76.00	107.56	Open To Flow (2)
138	104.16	111.46	Shut-In(2)
184	1250.23	111.73	End Shut-In(2)
185	1807.82	111.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	HO&GCM 10%G 30%O 60%M	0.30
62.00	MGO 10%G 84%O 6%M	0.34
186.00	CO	2.61
0.00	124' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26796

DST#: 5

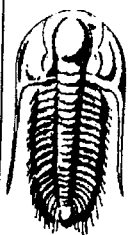
ATTN: Gary Gensch

Test Start: 2006.09.06 @ 03:25:15

Tool Information

Drill Pipe:	Length: 3647.00 ft	Diameter: 3.80 inches	Volume: 51.16 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 51.75 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3768.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.02 ft			
Tool Length:	49.02 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			3748.00	
Shut In Tool	5.00			3753.00	
Hydraulic tool	5.00			3758.00	
Packer	5.00			3763.00	21.00 Bottom Of Top Packer
Packer	5.00			3768.00	
Stubb	1.00			3769.00	
Recorder	0.01	8167	Inside	3769.01	
Perforations	24.00			3793.01	
Recorder	0.01	13534	Outside	3793.02	
Bullnose	3.00			3796.02	28.02 Bottom Packers & Anchor
Total Tool Length:	49.02				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gateway Resources LLC

Ambrosier #1-8x

224 S Crestway
Wichita KS 67218

8 7 22W Graham KS

Job Ticket: 26796

DST#: 5

ATTN: Gary Gensch

Test Start: 2006.09.06 @ 03:25:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	HO&GCM 10%G 30%O 60%M	0.305
62.00	MGO 10%G 84%O 6%M	0.341
186.00	CO	2.609
0.00	124' GIP	0.000

Total Length: 310.00 ft

Total Volume: 3.255 bbl

Num Fluid Samples: 0

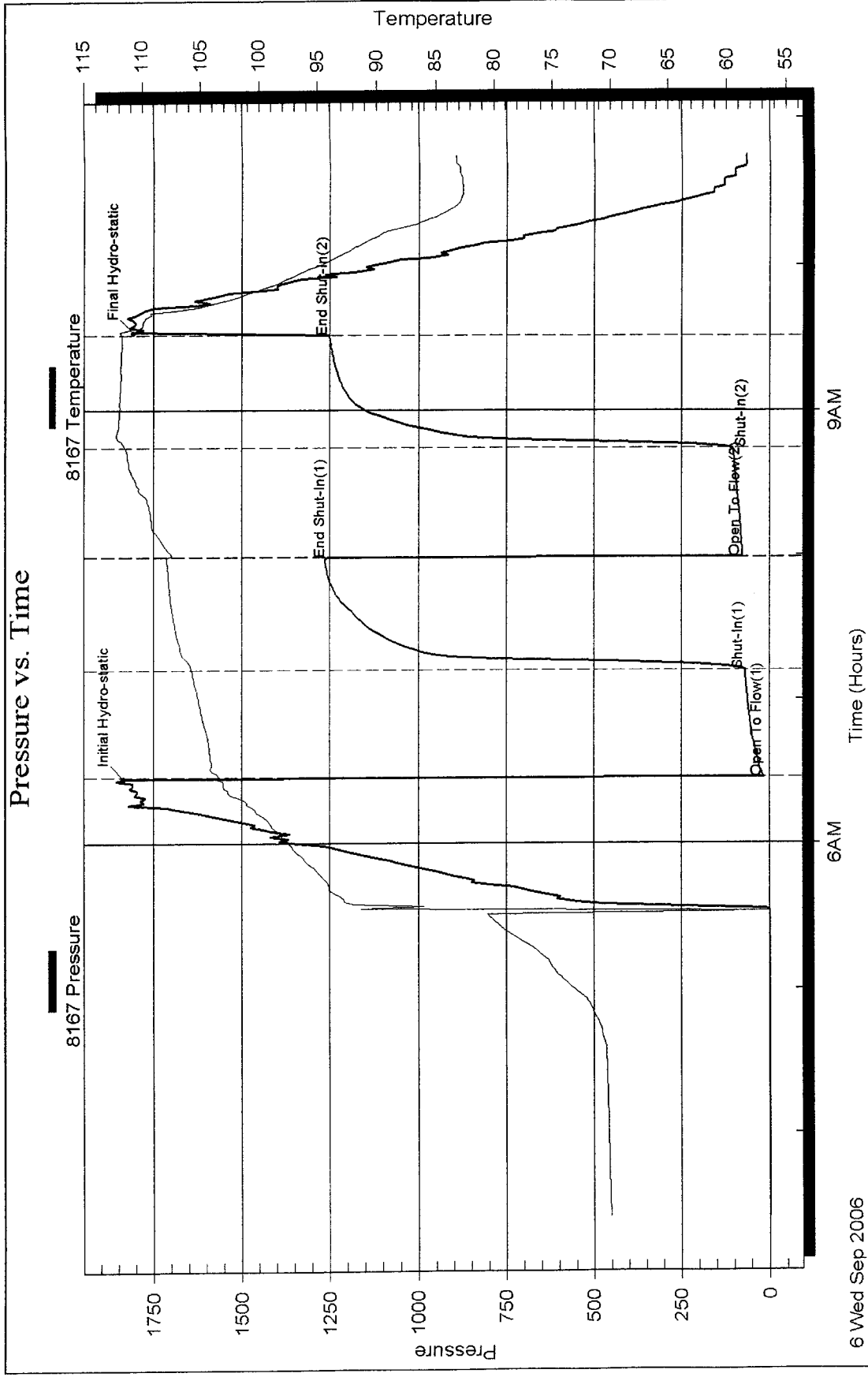
Num Gas Bombs: 0

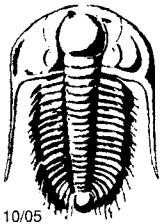
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9219

26792

Test Ticket

Well Name & No.	Ambrosier #1-8X		Test No.	1	Date	9-3-06
Company	GATEWAY Resources LLC		Zone Tested	LKC "A"		
Address	224 S. Crestway Wichita, KS 67218		Elevation	2360	KB	2355 GL
Co. Rep / Geo.	GARY Gensch		Rig	WW rig 6		
Location: Sec.	8	Twp.	7 ^s	Rge.	22 ^w	Co. Graham State KS
Comment:			Release date / time:			

Interval Tested	3597-3618	Initial Str Wt./Lbs.	42000	Unseated Str Wt./Lbs.	48000
Anchor Length	21	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	80000
Top Packer Depth	3592	Tool Weight	2200		
Bottom Packer Depth	3597	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3618	Wt. Pipe Run	-	Drill Collar Run	120
Mud Wt.	9.1	LCM	1#	Vis.	48
		WL	7.2	Drill Pipe Size	4 1/2 FH
				Ft. Run	3464

Blow Description: IFP - Strong Blow in 1 min
 FFP - Strong Blow in 1 min
 ISIP - 4 3/4" Blow Back
 FSIP - 2 1/4" Blow Back
 Slid Tool approx 4' to Bottom

Recovery - Total Feet	1262	GIP	1215	Ft. in DC	120	Ft. in DP	1142
Rec.	220	Feet of	CO	%gas	%oil	%water	%mud
Rec.	50	Feet of	H0+6CMW	15 %gas	22 %oil	47 %water	20 %mud
Rec.	124	Feet of	D+6CMW	10 %gas	10 %oil	60 %water	20 %mud
Rec.	186	Feet of	OCMW	%gas	10 %oil	75 %water	15 %mud
Rec.	186	Feet of	OCW	%gas	5 %oil	95 %water	%mud
BHT	496	*F Gravity	29	*API D @	60	*F Corrected Gravity	29
API							
RW	.17	@	73	*F			
				Chlorides	39000	ppm Recovery	
				Chlorides	1000	ppm System	

(A) Initial Hydrostatic Mud	112°	AK-1	Alpine	1726	PSI	Recorder No.	8167	Test	✓	1100
(B) First Initial Flow Pressure				119	PSI	(depth)	3598	Jars		
(C) First Final Flow Pressure				290	PSI	Recorder No.	13534	Safety Jt.		
(D) Initial Shut-In Pressure				753	PSI	(depth)	3615	Circ Sub		
(E) Second Initial Flow Pressure				308	PSI	Recorder No.	-	Sampler		
(F) Second Final Flow Pressure				544	PSI	(depth)	-	Straddle		
(G) Final Shut-In Pressure				715	PSI	Initial Opening	15	Ext. Packer		
(Q) Final Hydrostatic Mud				1703	PSI	Initial Shut-In	45	Shale Packer		
						Final Flow	45	Ruined Packer		
						Final Shut-In	45	Mileage	✓ 140 RT	175
						T-On Location	1230	Sub Total:		1275
						T-Started	1259	Std. By		
						T-Open	1505	Acc. Chg:		
						T-Pulled	1735	Other:		
						T-Out	2031	Total:		

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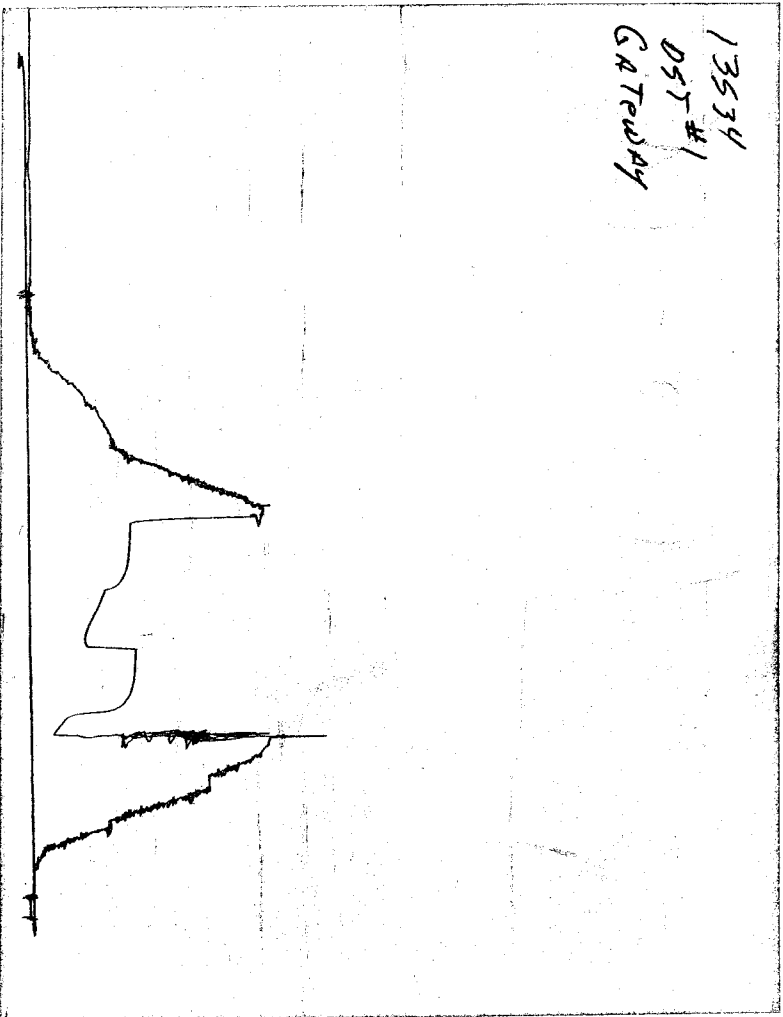
Approved By: Gary Gensch

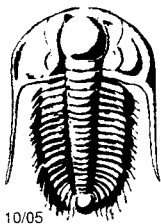
Our Representative: Ray Schwager Thank you

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

13534
DST #1
GATEWAY





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26793

Test Ticket

Well Name & No.	Ambrosia #1-8X		Test No.	2	Date	9-4-06
Company	GATEWAY Resources LLC		Zone Tested	LKC 'C'		
Address	224 S. Crestway Wichita, KS 67218		Elevation	2360	KB	2355 GL
Co. Rep / Geo.	GARY Gensch		Rig	WW rig 6		
Location: Sec.	8	Twp.	7 ^s	Rge.	22 ^w	Co. GRAHAM State KS
Comment:						Release date / time:

Interval Tested	3625-3647	Initial Str Wt./Lbs.	43000	Unseated Str Wt./Lbs.	45000
Anchor Length	22	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	65000
Top Packer Depth	3620	Tool Weight	2200		
Bottom Packer Depth	3625	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	3647	Wt. Pipe Run	-	Drill Collar Run	120
Mud Wt.	9.2 LCM 1 st Vis. 65 WL 7.2	Drill Pipe Size	4 1/2 FH	Ft. Run	3494
Blow Description	IFP - WEAK TO STRONG IN 12 MIN FFP - WEAK TO A GOOD BLOW 1/2" TO 7' BLOW ISIP - SURFACE BLOW BACK FSIP - SURFACE BLOW BACK				

Recovery - Total Feet	326	GIP	165	Ft. in DC	120	Ft. in DP	206
Rec.	90	Feet of	CO	%gas	%oil	%water	%mud
Rec.	50	Feet of	HOCWM	%gas	20	15	65
Rec.	62	Feet of	OCMW	%gas	5	85	10
Rec.	124	Feet of	WATER	%gas	%oil	%water	%mud
BHT	113	*F Gravity	27	*API D @	60	*F Corrected Gravity	27
RW	.16 @ 68	*F Chlorides	46000	ppm Recovery		Chlorides	1000

(A) Initial Hydrostatic Mud	AK-1	Alpine	1732	PSI	Recorder No.	8167	Test	✓	1100
(B) First Initial Flow Pressure			20	PSI	(depth)	3626	Jars		
(C) First Final Flow Pressure			80	PSI	Recorder No.	13534	Safety Jt.		
(D) Initial Shut-In Pressure			830	PSI	(depth)	3644	Circ Sub		
(E) Second Initial Flow Pressure			84	PSI	Recorder No.	-	Sampler		
(F) Second Final Flow Pressure			151	PSI	(depth)	-	Straddle		
(G) Final Shut-In Pressure			779	PSI	Initial Opening	15	Ext. Packer		
(Q) Final Hydrostatic Mud			1705	PSI	Initial Shut-In	45	Shale Packer		
					Final Flow	45	Ruined Packer		
					Final Shut-In	45	Mileage	✓ 25 RT 3125	
					T-On Location	0345	Sub Total:	1131.25	
					T-Started	0403	Std. By		
					T-Open	0620	Acc. Chg:		
					T-Pulled	0850	Other:		
					T-Out	1053	Total:		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

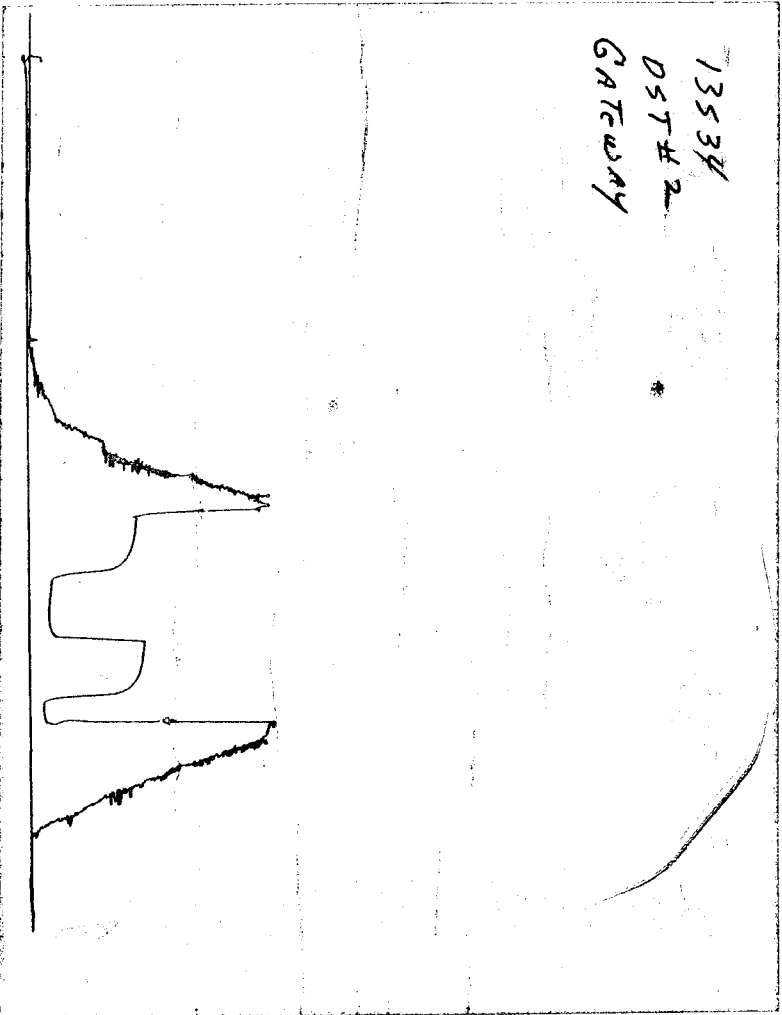
Approved By: Gary F Gensch

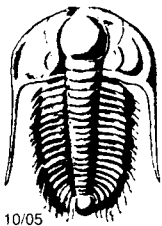
Our Representative: RAY SCHWAGER THANK 404

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

13534
DST # 2
GATEWAY





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26794

Test Ticket

Well Name & No. Ambrosier #1-8x Test No. 3 Date 9-4-06
 Company GATEWAY RESOURCES LLC Zone Tested LKC E-F
 Address 224 S. CRESTWAY WICHITA, Ks 67218 Elevation 2360 KB 2355 GL
 Co. Rep / Geo. GARY Gensch Rig WW 1196
 Location: Sec. 8 Twp. 7^s Rge. 22^w Co. GRAHAM State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3661-3680 Initial Str Wt./Lbs. 43000 Unseated Str Wt./Lbs. 46000
 Anchor Length 19 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3656 Tool Weight 2200
 Bottom Packer Depth 3661 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3680 Wt. Pipe Run - Drill Collar Run 120
 Mud Wt. 9.2 LCM 1 1/2# Vis. 50 WL 6.4 Drill Pipe Size 4 1/2 FH Ft. Run 3553
 Blow Description IFP - WEAK TO STRONG IN 7 min
FFP - WEAK TO STRONG IN 8 min
ISIP - SURFACE BLOWBACK
FSIP - SURFACE BLOWBACK

Recovery - Total Feet 448 GIP 600 Ft. in DC 120 Ft. in DR 328
 Rec. 200 Feet of CO %gas %oil %water %mud
 Rec. 62 Feet of MGO 10 %gas 80 %oil %water 10 %mud
 Rec. 62 Feet of O+6CWM 10 %gas 10 %oil 15 %water 65 %mud
 Rec. 124 Feet of SOC MW %gas 3 %oil 90 %water 7 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 114 °F Gravity 36 °API D @ 60 °F Corrected Gravity 36 °API
 RW .22 @ 60 °F Chlorides 37000 ppm Recovery _____ Chlorides 1500 ppm System

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1758</u> PSI	Recorder No. <u>8167</u>	Test <u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>20</u> PSI	(depth) <u>3662</u>	Jars _____
(C) First Final Flow Pressure	<u>84</u> PSI	Recorder No. <u>13534</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>730</u> PSI	(depth) <u>3677</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>92</u> PSI	Recorder No. <u>-</u>	Sampler _____
(F) Second Final Flow Pressure	<u>183</u> PSI	(depth) <u>-</u>	Straddle _____
(G) Final Shut-In Pressure	<u>663</u> PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1743</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
		Final Flow <u>45</u>	Ruined Packer _____
		Final Shut-In <u>45</u>	Mileage <u>✓ 25 RT 3125</u>
		T-On Location <u>1900</u>	Sub Total: <u>1131.25</u>
		T-Started <u>1917</u>	Std. By _____
		T-Open <u>2120</u>	Acc. Chg: _____
		T-Pulled <u>2350</u>	Other: _____
		T-Out <u>0213</u>	Total: _____

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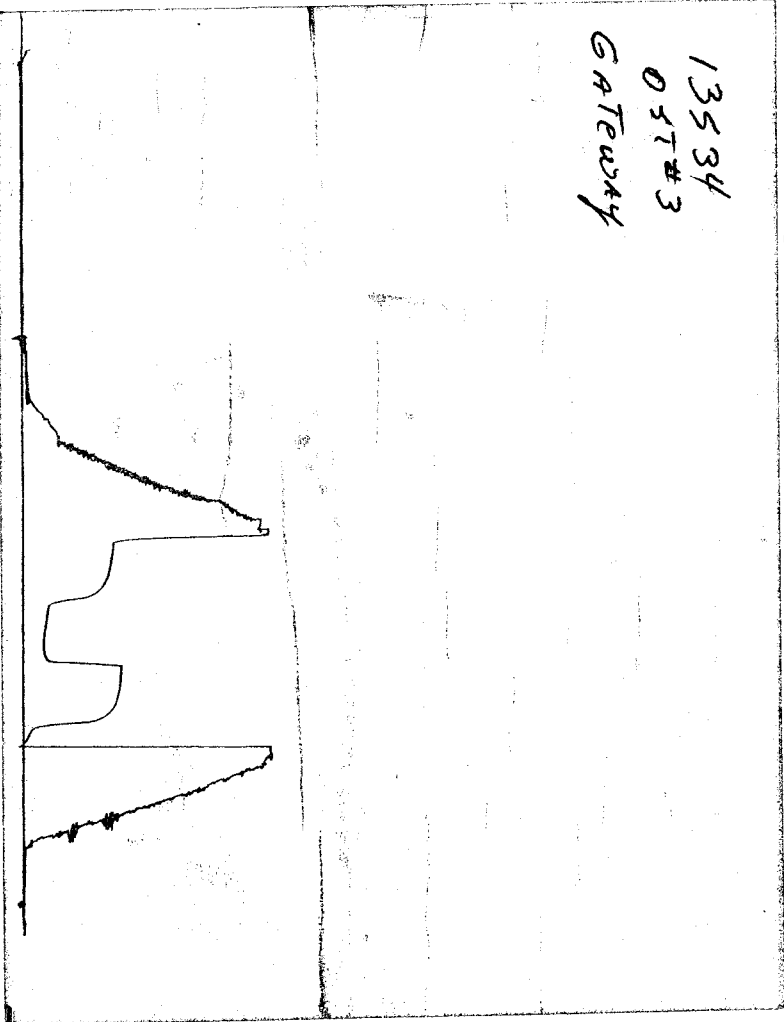
Approved By Gary F. Gensch

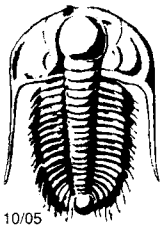
Our Representative RAY SCHWAGER Thank
404

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

13534
03T#3
Gateway





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26795

Test Ticket

Well Name & No.	<u>Ambrosier #1-BX</u>	Test No.	<u>4</u>	Date	<u>9-5-06</u>
Company	<u>GATEWAY Resources LLC</u>	Zone Tested	<u>LKC I</u>		
Address	<u>224 S. Crestway Wichita, Ks 67218</u>	Elevation	<u>2360</u>	KB	<u>2355</u>
Co. Rep / Geo.	<u>GARY Gensch</u>	Rig	<u>WW rig 6</u>		
Location: Sec.	<u>8</u>	Twp.	<u>7^s</u>	Rge.	<u>22^w</u>
		Co.	<u>GRAHAM</u>	State	<u>Ks</u>
Comment:		Release date / time:			

Interval Tested	<u>3742-3756</u>	Initial Str Wt./Lbs.	<u>43000</u>	Unseated Str Wt./Lbs.	<u>43000</u>
Anchor Length	<u>14</u>	Wt. Set Lbs.	<u>25000</u>	Wt. Pulled Loose/Lbs.	<u>60000</u>
Top Packer Depth	<u>3737</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3742</u>	Hole Size 7 7/8"	<u>-</u>	Rubber Size 6 3/4"	<u>-</u>
Total Depth	<u>3756</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>120</u>
Mud Wt.	<u>9.1</u>	Drill Pipe Size	<u>4 1/2 FH</u>	Ft. Run	<u>3616</u>
LCM	<u>1st</u>				
Vis.	<u>56</u>				
WL	<u>6.4</u>				
Blow Description	<u>IFP - WEAK SURFACE BLOW died in 4 min</u> <u>EEP -</u>				

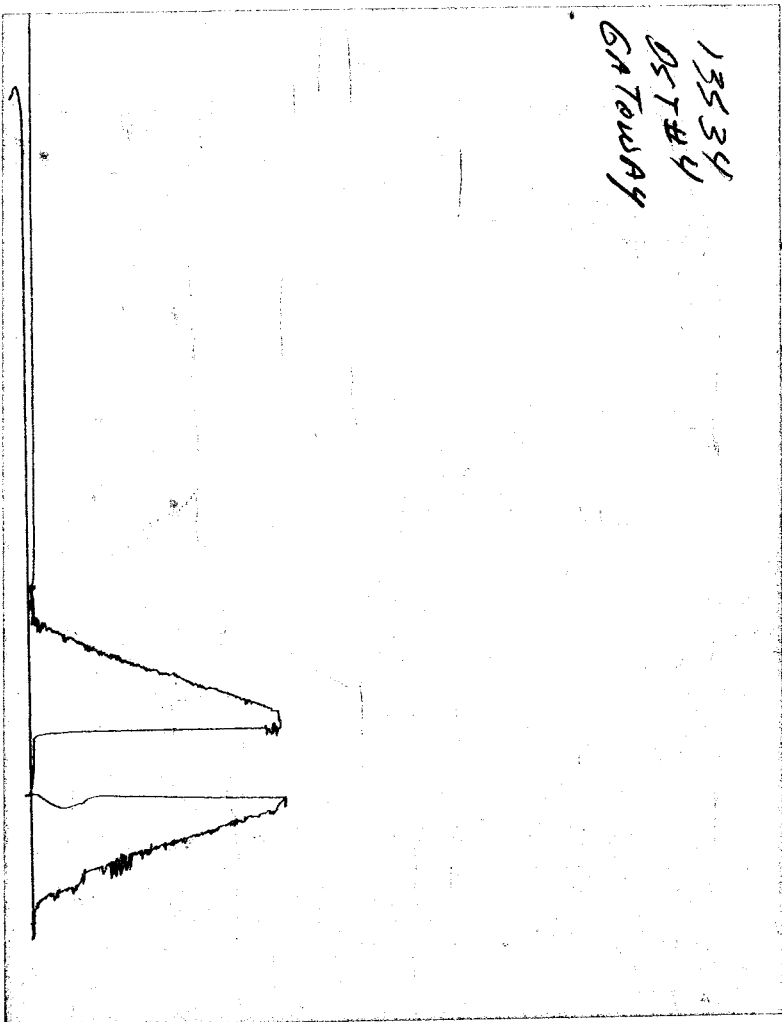
Recovery - Total Feet	<u>0</u>	GIP	<u>-</u>	Ft. in DC	<u>0</u>	Ft. in DP	<u>-</u>
Rec.	<u>0</u>	Feet of	<u>Rec</u>	%gas	%oil	%water	%mud
Rec.		Feet of	<u>mud w/slow oil</u>	%gas	%oil	%water	%mud
Rec.		Feet of	<u>IN Tool</u>	%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	<u>102</u>	*F Gravity	<u>-</u>	*API D @	<u>-</u>	*F Corrected Gravity	<u>-</u>
RW	<u>-</u>	@	<u>-</u>	*F Chlorides	<u>-</u>	ppm Recovery	<u>1600</u>
				Chlorides	<u>1600</u>	ppm System	

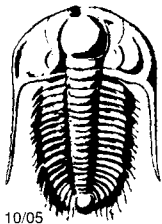
(A) Initial Hydrostatic Mud	<u>AK-1</u>	Alpine	<u>1784</u>	PSI	Recorder No.	<u>8162</u>	Test	<u>1100</u>
(B) First Initial Flow Pressure			<u>9</u>	PSI	(depth)	<u>3743</u>	Jars	
(C) First Final Flow Pressure			<u>11</u>	PSI	Recorder No.	<u>13534</u>	Safety Jt.	
(D) Initial Shut-In Pressure			<u>13</u>	PSI	(depth)	<u>3753</u>	Circ Sub	
(E) Second Initial Flow Pressure			<u>-</u>	PSI	Recorder No.	<u>-</u>	Sampler	
(F) Second Final Flow Pressure			<u>-</u>	PSI	(depth)	<u>-</u>	Straddle	
(G) Final Shut-In Pressure			<u>-</u>	PSI	Initial Opening	<u>15</u>	Ext. Packer	
(Q) Final Hydrostatic Mud			<u>1751</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer	
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.				Final Flow			Ruined Packer	
				Final Shut-In			Mileage	<u>25 RT 31.25</u>
				T-On Location	<u>1330</u>		Sub Total:	<u>1131.25</u>
				T-Started	<u>1344</u>		Std. By	
				T-Open	<u>1520</u>		Acc. Chg:	
				T-Pulled	<u>1605</u>		Other:	
				T-Out	<u>1739</u>		Total:	
Approved By	<u>GARY Gensch</u>							
Our Representative	<u>RAY SCHWAGER</u>			<u>Thank you</u>				

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

13534
OST#4
GA TOWAY





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26796

Test Ticket

Well Name & No. Ambrosia #1-8X Test No. 5 Date 9-6-06
 Company Gateway Resources LLC Zone Tested LKC K-L
 Address 224 S. Crestway Wichita, KS 67218 Elevation 2360 KB 2355 GL
 Co. Rep / Geo. GARY Gensch Rig WW rig 6
 Location: Sec. 8 Twp. 7 S Rge. 22 W Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3768 - 3796 Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45000
 Anchor Length 28 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth 3763 Tool Weight 2200
 Bottom Packer Depth 3768 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3796 Wt. Pipe Run - Drill Collar Run 120
 Mud Wt. 9.4 LCM 1# Vis. 50 WL 6.4 Drill Pipe Size 4 1/2 FH Ft. Run 3647
 Blow Description IFP - WEAK TO A FAIR BLOW 1/4" TO 4 1/2" BLOW
FFP - WEAK TO A FAIR BLOW 1/2" TO 4 1/2" BLOW
ISIP - SURFACE BLOW BACK
FSIP - SURFACE BLOW BACK

Recovery - Total Feet 310 GIP 124 Ft. in DC 120 Ft. in DP 190
 Rec. 186 Feet of CO %gas %oil %water %mud
 Rec. 62 Feet of M60 10 %gas 84 %oil %water 6 %mud
 Rec. 62 Feet of H0+GCM 10 %gas 30 %oil %water 60 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 112 °F Gravity 26 °API D @ 70 °F Corrected Gravity 25 °API
 RW - @ - °F Chlorides - ppm Recovery _____ Chlorides 1600 ppm System

(A) Initial Hydrostatic Mud	<u>1814</u>	<u>1814</u>	PSI	Recorder No.	<u>8167</u>	Test	<u>✓</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>68</u>		PSI	(depth)	<u>3769</u>	Jars		
(C) First Final Flow Pressure	<u>82</u>		PSI	Recorder No.	<u>13534</u>	Safety Jt.		
(D) Initial Shut-In Pressure	<u>1215</u>		PSI	(depth)	<u>3793</u>	Circ Sub		
(E) Second Initial Flow Pressure	<u>123</u>		PSI	Recorder No.	<u>-</u>	Sampler		
(F) Second Final Flow Pressure	<u>136</u>		PSI	(depth)	<u>-</u>	Straddle		
(G) Final Shut-In Pressure	<u>1215</u>		PSI	Initial Opening	<u>45</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>1733</u>		PSI	Initial Shut-In	<u>45</u>	Shale Packer		
				Final Flow	<u>45</u>	Ruined Packer		
				Final Shut-In	<u>45</u>	Mileage	<u>✓</u>	<u>25 RT 3125</u>
				T-On Location	<u>0300</u>	Sub Total:		<u>113125</u>
				T-Started	<u>0327</u>	Std. By		
				T-Open	<u>0530</u>	Acc. Chg:		
				T-Pulled	<u>0830</u>	Other:		
				T-Out	<u>1039</u>	Total:		

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Approved By Gary Gensch

Our Representative Ray Schwager THANK YOU

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

13534
OST#5
Gateway

OST#5 LK KIL

