



DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

1 19 31 Lane KS

Schmidt #1-1

Start Date: 2007.12.07 @ 16:16:32

End Date: 2007.12.08 @ 02:27:12

Job Ticket #: 29562 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Abercrombie Energy LLC

Schmidt #1-1

1 19 31 Lane KS

DST # 1

Lans. "J"

2007.12.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Schmidt #1-1

1 19 31 Lane KS

Job Ticket: 29562

DST#: 1

Test Start: 2007.12.07 @ 16:16:32

GENERAL INFORMATION:

Formation: **Lans. "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:23:57

Time Test Ended: 02:27:12

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4207.00 ft (KB) To 4231.00 ft (KB) (TVD)**

Total Depth: 4231.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2919.00 ft (KB)

2911.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 233.04 psig @ 4208.00 ft (KB)

Start Date: 2007.12.07

End Date: 2007.12.08

Start Time: 16:16:32

End Time: 02:27:12

Capacity: 7000.00 psig

Last Calib.: 2007.12.08

Time On Btm: 2007.12.07 @ 19:22:12

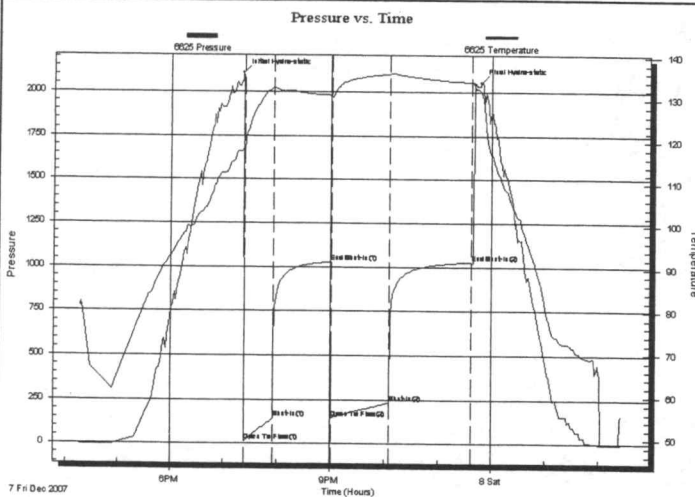
Time Off Btm: 2007.12.07 @ 23:47:41

TEST COMMENT: IF Built to 9 1/4 "

IS No return

FF BOB in 41 mins.

FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.48	118.30	Initial Hydro-static
2	12.83	117.96	Open To Flow (1)
34	142.42	132.79	Shut-In(1)
98	1027.75	131.00	End Shut-In(1)
99	145.70	130.65	Open To Flow (2)
164	233.04	135.98	Shut-In(2)
256	1027.65	134.08	End Shut-In(2)
266	2054.34	131.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% m	0.07
419.00	SMCW 95%W 5%M	3.20
64.00	MCW 50%W 50%M	0.90

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

Schmidt #1-1

150 N Main Ste 801
Wichita KS 67202

1 19 31 Lane KS

Job Ticket: 29562

DST#: 1

ATTN: Monica Turner

Test Start: 2007.12.07 @ 16:16:32

Tool Information

Drill Pipe:	Length: 3881.00 ft	Diameter: 3.80 inches	Volume: 54.44 bbl	Tool Weight: 1500.00 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume:	55.96 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4207.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	47.00 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			4185.00	
Shut In Tool	5.00			4190.00	
Hydraulic tool	5.00			4195.00	
Safety Joint	3.00			4198.00	
Packer	5.00			4203.00	23.00 Bottom Of Top Packer
Packer	4.00			4207.00	
Stubb	1.00			4208.00	
Recorder	0.00	6625	Inside	4208.00	
Perforations	18.00			4226.00	
Recorder	0.00	11020	Inside	4226.00	
Bullnose	5.00			4231.00	24.00 Bottom Packers & Anchor

Total Tool Length: 47.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Schmidt #1-1

150 N Main Ste 801
Wichita KS 67202

1 19 31 Lane KS

ATTN: Monica Turner

Job Ticket: 29562

DST#: 1

Test Start: 2007.12.07 @ 16:16:32

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.17 in³

Resistivity: 0.00 ohm.m

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 42000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100%m	0.074
419.00	SMCW 95%W 5%M	3.199
64.00	MCW 50%W 50%M	0.898

Total Length: 498.00 ft Total Volume: 4.171 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

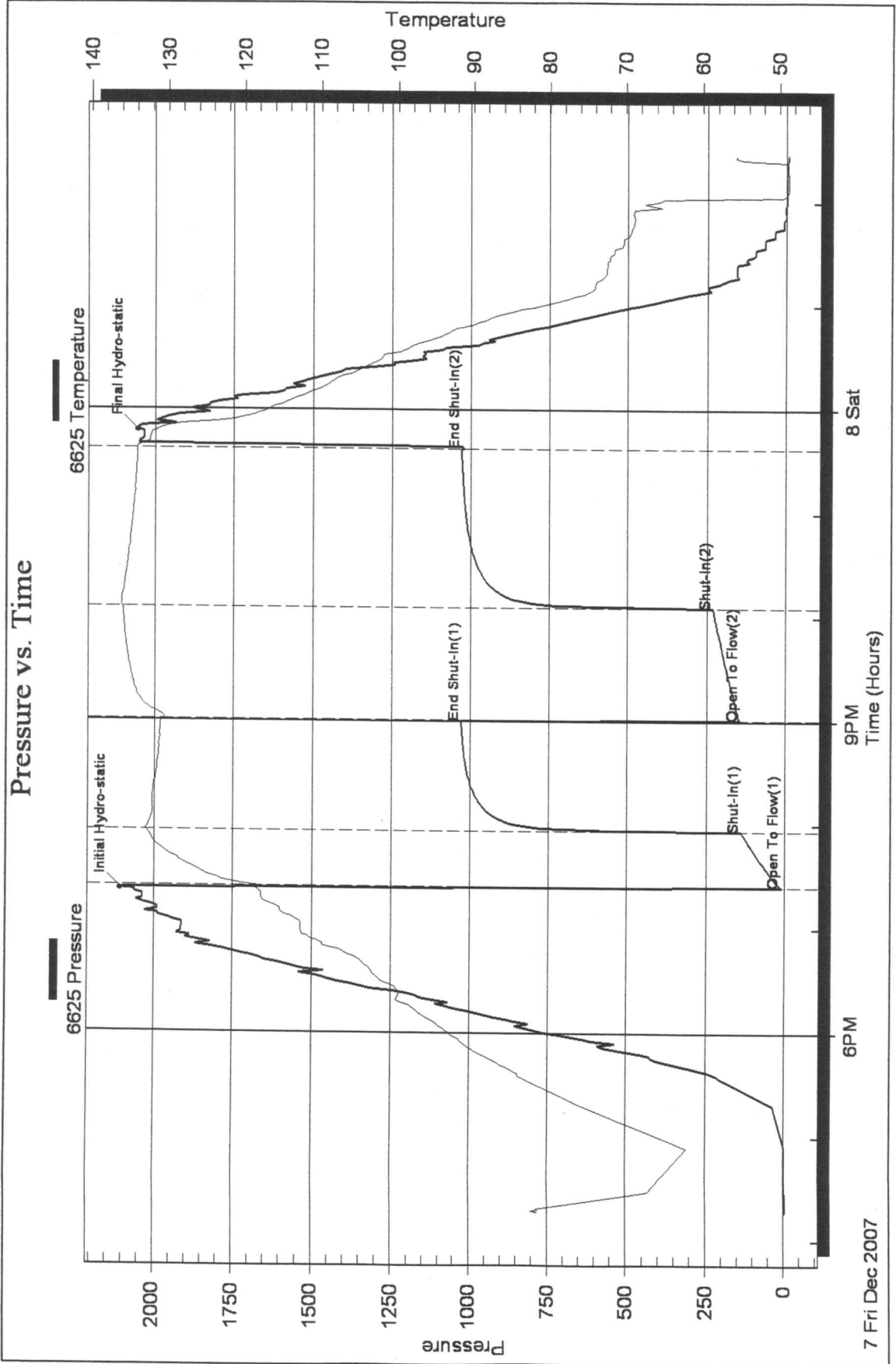
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

1 19 31 Lane KS

Schmidt #1-1

Start Date: 2007.12.08 @ 18:56:05

End Date: 2007.12.09 @ 05:48:45

Job Ticket #: 29563 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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TESTING, INC**

DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Schmidt #1-1

1 19 31 Lane KS

Job Ticket: 29563

DST#: 2

Test Start: 2007.12.08 @ 18:56:05

GENERAL INFORMATION:

Formation: **Lans. "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:14:30

Time Test Ended: 05:48:45

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: 4266.00 ft (KB) To 4330.00 ft (KB) (TVD)

Total Depth: 4330.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2919.00 ft (KB)

2911.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 396.93 psig @ 4267.00 ft (KB)

Start Date: 2007.12.08

End Date: 2007.12.09

Start Time: 18:56:05

End Time: 05:48:45

Capacity: 7000.00 psig

Last Calib.: 2007.12.09

Time On Btm: 2007.12.08 @ 22:13:00

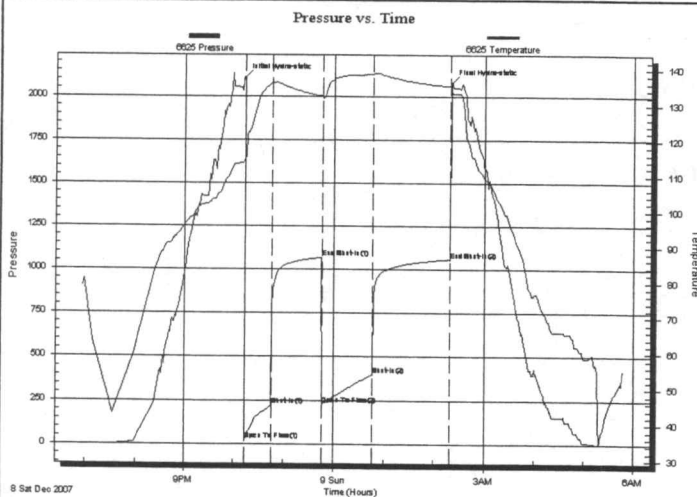
Time Off Btm: 2007.12.09 @ 02:20:29

TEST COMMENT: IF BOB in 24 mins.

IS No return

FF Built to 9 1/4 "

FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.54	114.39	Initial Hydro-static
2	20.85	114.17	Open To Flow (1)
33	218.06	136.19	Shut-In(1)
93	1068.19	132.56	End Shut-In(1)
93	223.91	132.26	Open To Flow (2)
153	396.93	138.62	Shut-In(2)
246	1059.27	135.31	End Shut-In(2)
248	2074.87	134.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M	0.15
714.00	SMCW 95%W 5%M	7.47
92.00	MCW 60%W 40%M	1.29

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Schmidt #1-1

1 19 31 Lane KS

Job Ticket: 29563

DST#: 2

Test Start: 2007.12.08 @ 18:56:05

Tool Information

Drill Pipe:	Length: 3944.00 ft	Diameter: 3.80 inches	Volume: 55.32 bbl	Tool Weight: 1500.00 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume:	56.84 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4266.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	87.00 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			4244.00	
Shut In Tool	5.00			4249.00	
Hydraulic tool	5.00			4254.00	
Safety Joint	3.00			4257.00	
Packer	5.00			4262.00	23.00 Bottom Of Top Packer
Packer	4.00			4266.00	
Stubb	1.00			4267.00	
Recorder	0.00	6625	Inside	4267.00	
Perforations	25.00			4292.00	
Change Over Sub	1.00			4293.00	
Drill Pipe	31.00			4324.00	
Change Over Sub	1.00			4325.00	
Recorder	0.00	11020	Inside	4325.00	
Bullnose	5.00			4330.00	64.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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FLUID SUMMARY

Abercrombie Energy LLC

Schmidt #1-1

150 N Main Ste 801
Wichita KS 67202

1 19 31 Lane KS

ATTN: Monica Turner

Job Ticket: 29563

DST#: 2

Test Start: 2007.12.08 @ 18:56:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.95 in³

Resistivity: 0.00 ohm.m

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

44000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100%M	0.148
714.00	SMCW 95%W 5%M	7.474
92.00	MCW 60%W 40%M	1.291

Total Length: 836.00 ft

Total Volume: 8.913 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

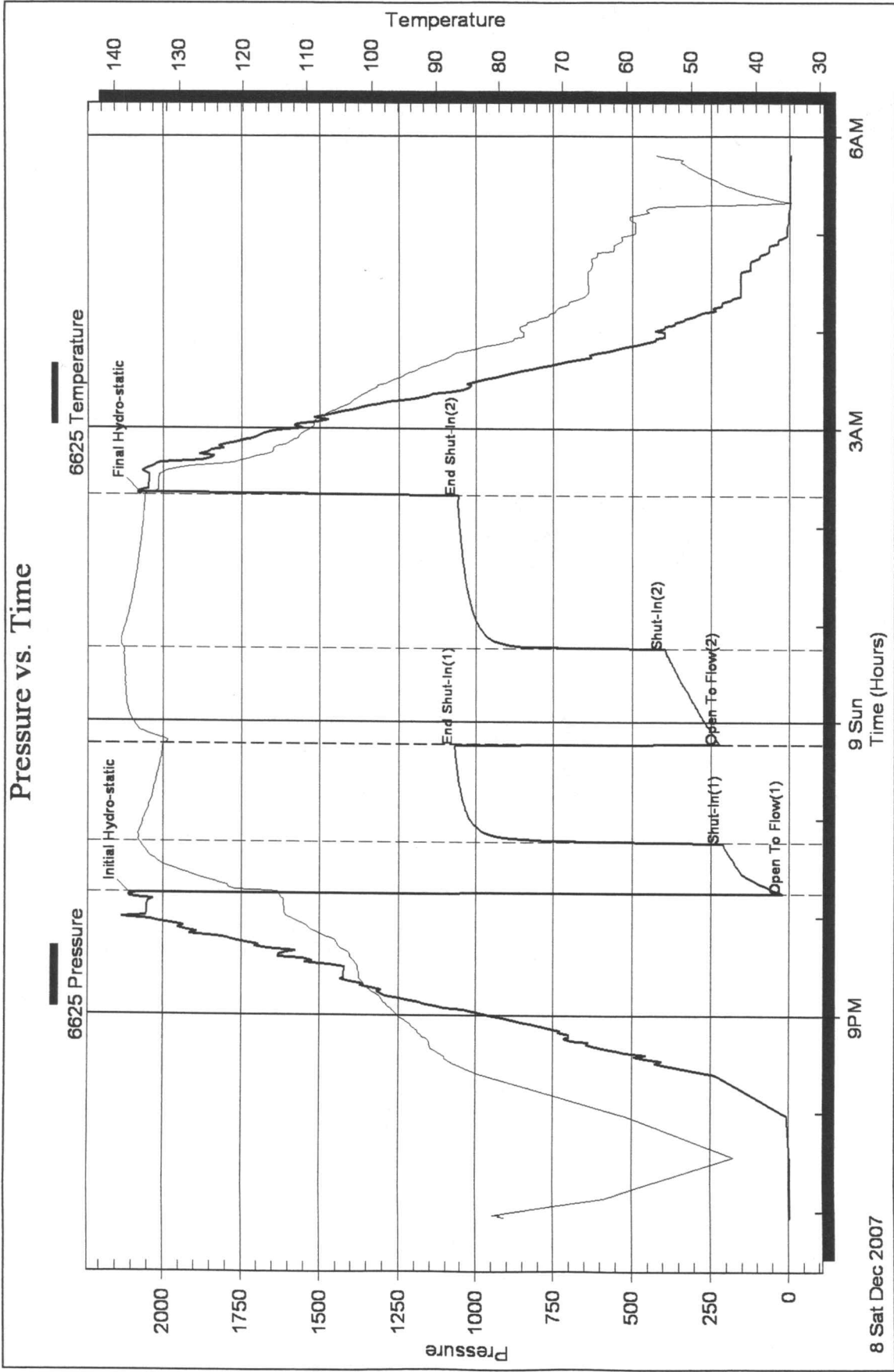
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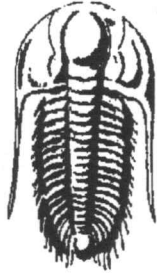
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

1 19 31 Lane KS

Schmidt #1-1

Start Date: 2007.12.09 @ 23:36:37

End Date: 2007.12.10 @ 09:35:47

Job Ticket #: 29564 DST #: 3

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



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DRILL STEM TEST REPORT

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Schmidt #1-1

1 19 31 Lane KS

Job Ticket: 29564

DST#: 3

Test Start: 2007.12.09 @ 23:36:37

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:45:47

Time Test Ended: 09:35:47

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4372.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Total Depth: 4400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2919.00 ft (KB)

2911.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 334.41 psig @ 4373.00 ft (KB)

Start Date: 2007.12.09

End Date: 2007.12.10

Start Time: 23:36:37

End Time: 09:35:47

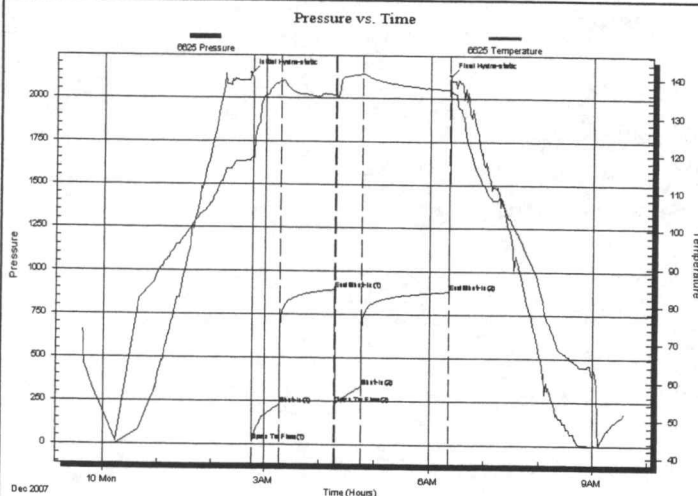
Capacity: 7000.00 psig

Last Calib.: 2007.12.10

Time On Btm: 2007.12.10 @ 02:43:32

Time Off Btm: 2007.12.10 @ 06:22:17

TEST COMMENT: IF BOB in 9 mins.
IS No return
FF BOB in 20 mins.
FS No return



PRESSURE SUMMARY

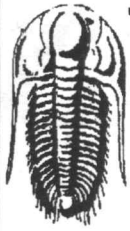
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.59	118.90	Initial Hydro-static
3	19.18	118.72	Open To Flow (1)
33	230.01	139.28	Shut-In(1)
94	892.02	135.57	End Shut-In(1)
94	233.84	135.35	Open To Flow (2)
123	334.41	141.26	Shut-In(2)
218	881.15	137.17	End Shut-In(2)
219	2127.72	137.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07
605.00	SMCW 95%W 5%M	5.81
72.00	MCW 50%W 50%M	1.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Schmidt #1-1

1 19 31 Lane KS

Job Ticket: 29564

DST#: 3

Test Start: 2007.12.09 @ 23:36:37

Tool Information

Drill Pipe:	Length: 4067.00 ft	Diameter: 3.80 inches	Volume: 57.05 bbl	Tool Weight: 1500.00 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: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	58.57 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4372.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	51.00 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			4350.00	
Shut In Tool	5.00			4355.00	
Hydraulic tool	5.00			4360.00	
Safety Joint	3.00			4363.00	
Packer	5.00			4368.00	23.00 Bottom Of Top Packer
Packer	4.00			4372.00	
Stubb	1.00			4373.00	
Recorder	0.00	6625	Inside	4373.00	
Perforations	22.00			4395.00	
Recorder	0.00	11020	Inside	4395.00	
Bullnose	5.00			4400.00	28.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Abercrombie Energy LLC

Schmidt #1-1

150 N Main Ste 801
Wichita KS 67202

1 19 31 Lane KS

ATTN: Monica Turner

Job Ticket: 29564

DST#: 3

Test Start: 2007.12.09 @ 23:36:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

deg API

Water Salinity:

42000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100%M	0.074
605.00	SMCW 95%W 5%M	5.808
72.00	MCW 50%W 50%M	1.010

Total Length: 692.00 ft

Total Volume: 6.892 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

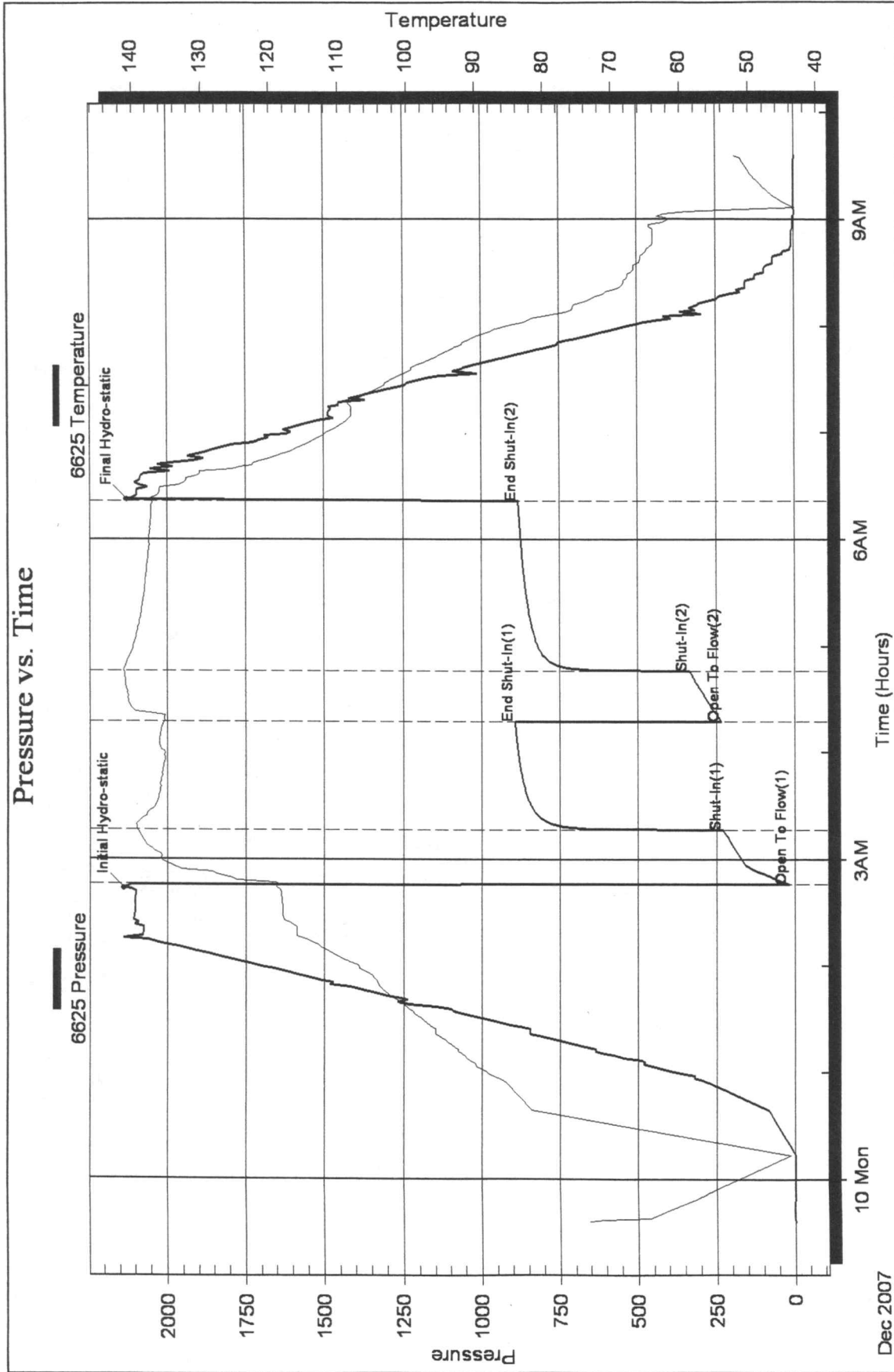


CHART PAGE

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

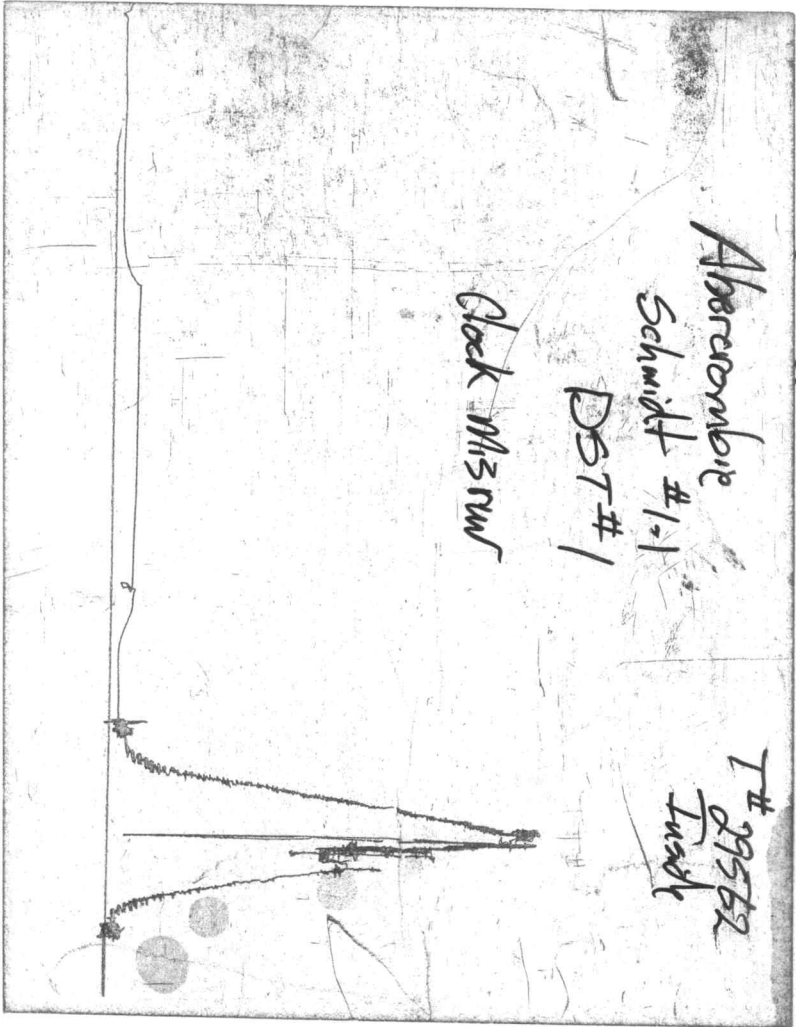


CHART PAGE

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

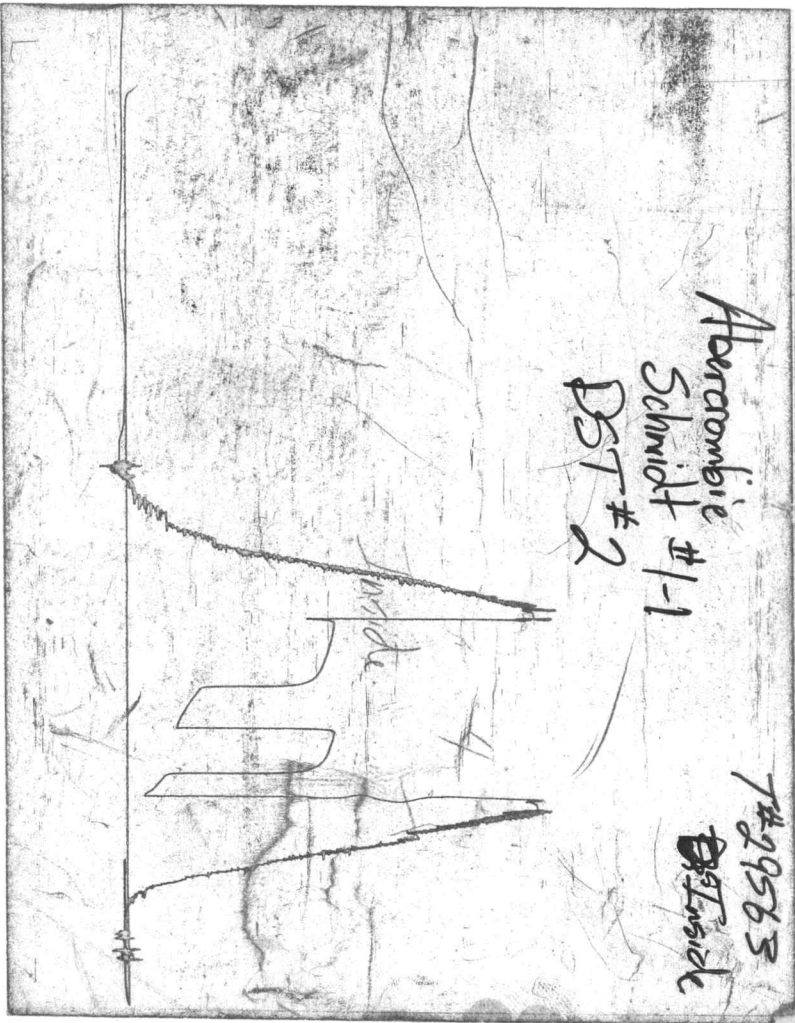


CHART PAGE

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

