

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abercrombie Energy LLC**

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

13 19 26W Ness KS

Antenen #1-13

Start Date: 2007.08.26 @ 12:12:37
End Date: 2007.08.26 @ 20:45:41
Job Ticket #: 29404 DST #: 1

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Abercrombie Energy LLC

150 N Main Ste 801
Wichita KS 67202

ATTN: Monica Turner

Antenen #1-13

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Job Ticket: 29404 **DST#: 1**

Test Start: 2007.08.26 @ 12:12:37

GENERAL INFORMATION:

Formation: **Ft. Scott - Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:18:12
Time Test Ended: 20:45:41

Test Type: Conventional Bottom Hole
Tester: Brandon Domsch
Unit No: 25

Interval: 4449.00 ft (KB) To 4540.00 ft (KB) (TVD)
Total Depth: 4540.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

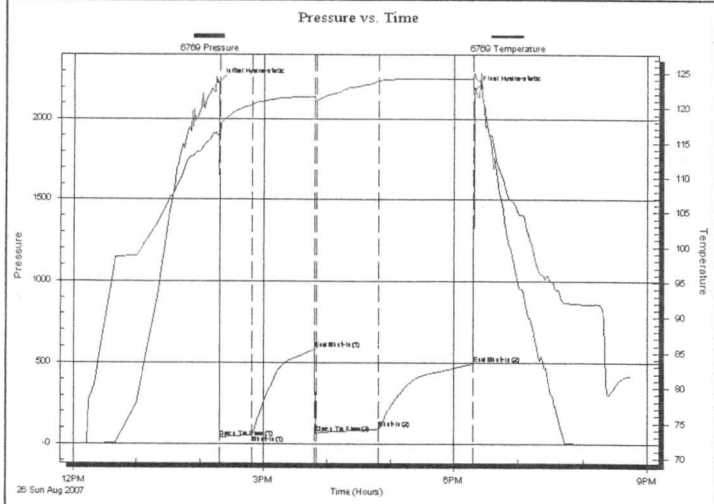
Reference Elevations: 2594.00 ft (KB)
2589.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6769 **Inside**

Press@RunDepth: 92.58 psig @ 4450.00 ft (KB)
Start Date: 2007.08.26 End Date: 2007.08.26
Start Time: 12:12:37 End Time: 20:45:41

Capacity: 7000.00 psig
Last Calib.: 2007.08.26
Time On Btm: 2007.08.26 @ 14:17:12
Time Off Btm: 2007.08.26 @ 18:19:42

TEST COMMENT: IF BOB in 6 mins.
IS No return
FF BOB in 2 mins
FS Built to 2 1/2 inches died back to 1 1/4 inch.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.52	116.15	Initial Hydro-static
1	36.87	116.03	Open To Flow (1)
32	55.81	120.46	Shut-In(1)
91	585.22	121.64	End Shut-In(1)
93	64.15	121.00	Open To Flow (2)
152	92.58	123.88	Shut-In(2)
241	494.34	124.18	End Shut-In(2)
243	2186.29	124.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HG&MCO 50%G 30%O 20%M	2.14
20.00	HMCO&G 10%G 65%O 25%M	0.24

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

Antenen #1-13

13 19 26W Ness KS

Job Ticket: 29404 **DST#: 1**

Test Start: 2007.08.26 @ 12:12:37

Tool Information

Drill Pipe:	Length:	4433.00 ft	Diameter:	3.50 inches	Volume:	52.75 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	52.75 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight: Initial	42000.00 lb
Depth to Top Packer:		4449.00 ft					Final	44000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		91.00 ft						
Tool Length:		114.00 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			4427.00		
Shut In Tool	5.00			4432.00		
Hydraulic tool	5.00			4437.00		
Safety Joint	3.00			4440.00		
Packer	5.00			4445.00	23.00	Bottom Of Top Packer
Packer	4.00			4449.00		
Stubb	1.00			4450.00		
Recorder	0.00	6769	Inside	4450.00		
Perforations	20.00			4470.00		
Change Over Sub	1.00			4471.00		
Drill Pipe	63.00			4534.00		
Change Over Sub	1.00			4535.00		
Recorder	0.00	2607	Inside	4535.00		
Bullnose	5.00			4540.00	91.00	Bottom Packers & Anchor
Total Tool Length:	**114.00**					

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Abercrombie Energy LLC

150 N Main Ste 801
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ATTN: Monica Turner

Antenen #1-13

13 19 26W Ness KS

Job Ticket: 29404 **DST#: 1**

Test Start: 2007.08.26 @ 12:12:37

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

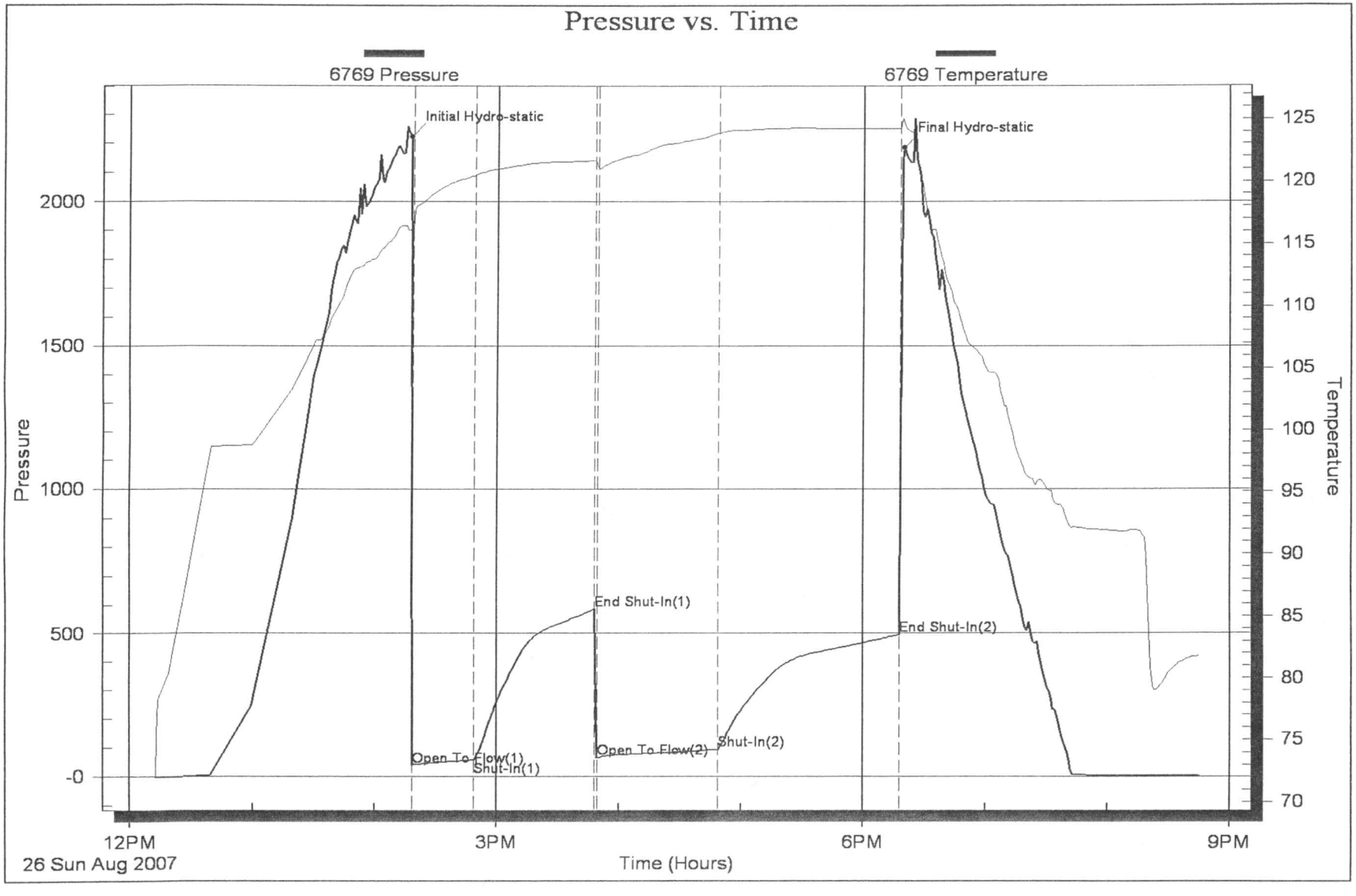
Length ft	Description	Volume bbl
180.00	HG&MCO 50%G 30%O 20%M	2.142
20.00	HMCO&G 10%G 65%O 25%M	0.238

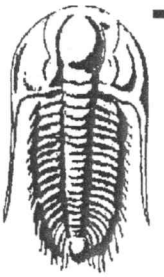
Total Length: 200.00 ft Total Volume: 2.380 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6769 Pressure
6769 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
2000
1500
1000
500
-0
Temperature
125
120
115
110
105
100
95
90
85
80
75
70
12PM
26 Sun Aug 2007
3PM
6PM
9PM
Time (Hours)



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150 N Main Ste 801
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Antenen #1-13

Start Date: 2007.08.27 @ 07:19:26
End Date: 2007.08.27 @ 16:35:00
Job Ticket #: 29405 DST #: 2

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150 N Main Ste 801
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ATTN: Monica Turner

Antenen #1-13

13 19 26W Ness KS

Job Ticket: 29405 **DST#: 2**

Test Start: 2007.08.27 @ 07:19:26

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:20:46
Time Test Ended: 16:35:00

Test Type: Conventional Bottom Hole
Tester: Brandon Domsch
Unit No: 25

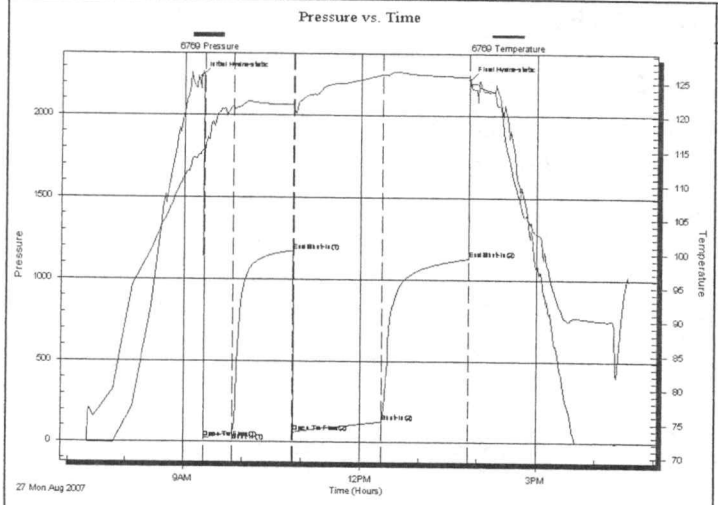
Interval: 4533.00 ft (KB) To 4568.00 ft (KB) (TVD)
Total Depth: 4540.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2594.00 ft (KB)
2589.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6769 **Inside**
Press@RunDepth: 128.79 psig @ 4534.00 ft (KB)
Start Date: 2007.08.27 End Date: 2007.08.27
Start Time: 07:19:26 End Time: 16:35:00

Capacity: 7000.00 psig
Last Calib.: 2007.08.27
Time On Btm: 2007.08.27 @ 09:17:31
Time Off Btm: 2007.08.27 @ 13:51:31

TEST COMMENT: IF Built to 9 1/2 inches.
IS Weak surface blow for 4 mins.
FF BOB in 37 mins.
FS Surface blow for 15 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.73	114.65	Initial Hydro-static
4	22.63	114.38	Open To Flow (1)
33	56.60	121.52	Shut-In(1)
94	1173.63	121.71	End Shut-In(1)
95	62.55	120.99	Open To Flow (2)
184	128.79	126.11	Shut-In(2)
273	1128.73	125.84	End Shut-In(2)
274	2218.59	125.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	O&GCM 30%G 10%O 70%M	0.71
60.00	OCM 20%O 80%M	0.71
60.00	MCO 80%O 20%M	0.71
60.00	GCO 20%G 80%O	0.71
60.00	Slightly GCO 3%G 97%O	0.71

Gas Rates

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

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Test Start: 2007.08.27 @ 07:19:26

Tool Information

Drill Pipe:	Length:	4528.00 ft	Diameter:	3.50 inches	Volume:	53.88 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	53.88 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	4533.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	35.00 ft
Tool Length:	58.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	45000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	42000.00 lb
Final	43000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4511.00		
Shut In Tool	5.00			4516.00		
Hydraulic tool	5.00			4521.00		
Safety Joint	3.00			4524.00		
Packer	5.00			4529.00	23.00	Bottom Of Top Packer
Packer	4.00			4533.00		
Stubb	1.00			4534.00		
Recorder	0.00	6769	Inside	4534.00		
Perforations	29.00			4563.00		
Recorder	0.00	2607	Inside	4563.00		
Bullnose	5.00			4568.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**58.00**					

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Job Ticket: 29405 **DST#: 2**

Test Start: 2007.08.27 @ 07:19:26

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	65.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	O&GCM 30%G 10%O 70%M	0.714
60.00	OCM 20%O 80%M	0.714
60.00	MCO 80%O 20%M	0.714
60.00	GCO 20%G 80%O	0.714
60.00	Slightly GCO 3%G 97%O	0.714

Total Length: 300.00 ft Total Volume: 3.570 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

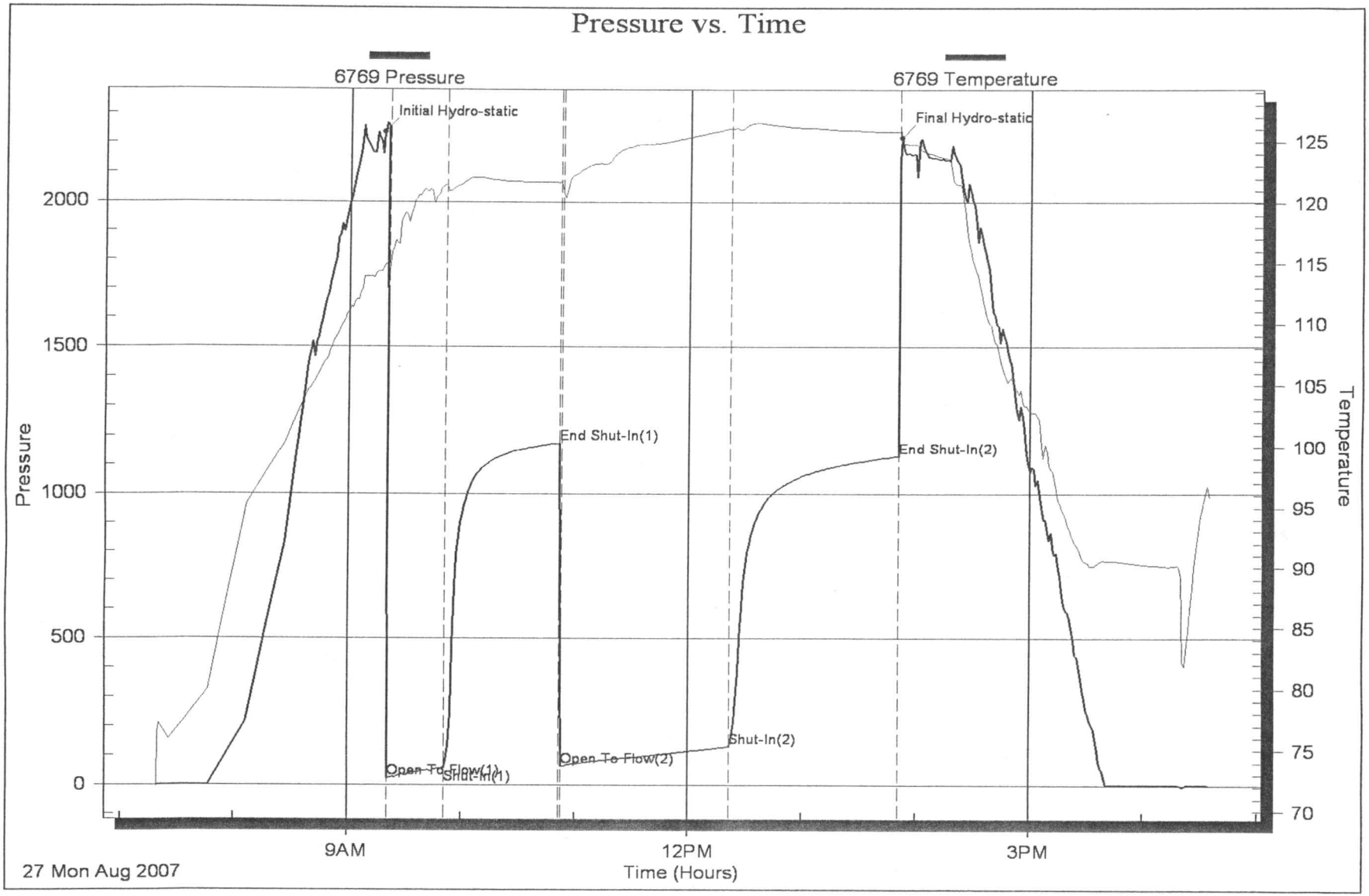

Pressure vs. Time
6769 Pressure
6769 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2000
1500
1000
500
0
125
120
115
110
105
100
95
90
85
80
75
70
9AM
12PM
3PM
27 Mon Aug 2007
Time (Hours)

CHART PAGE

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

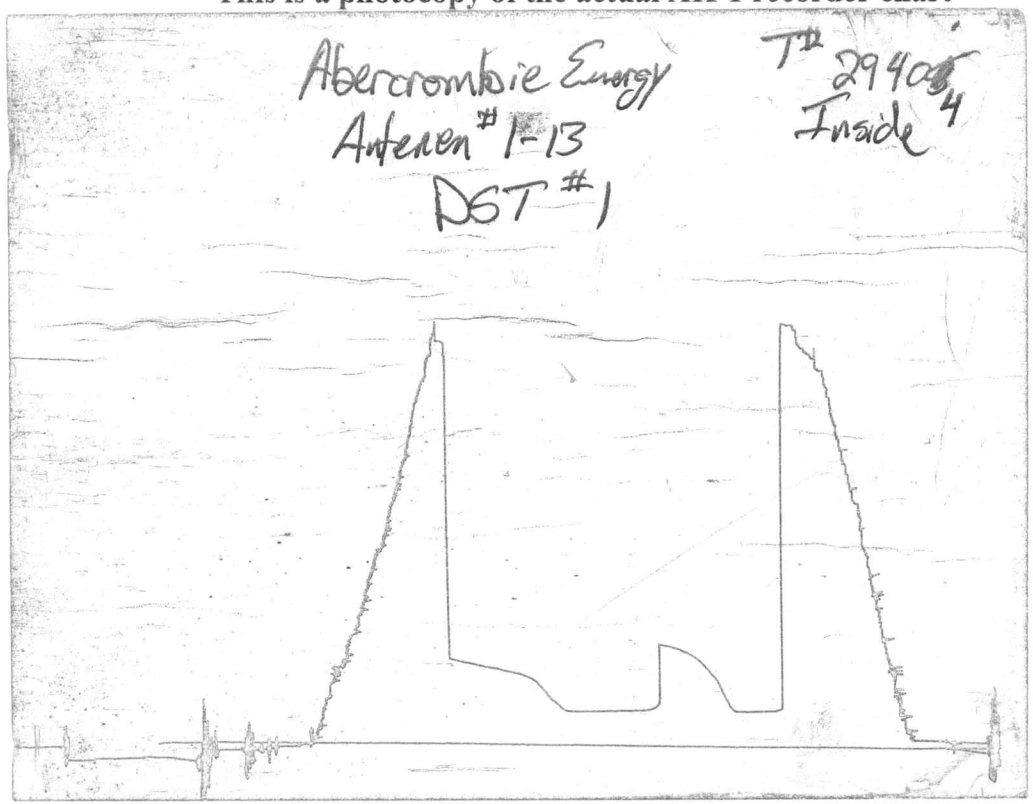


CHART PAGE

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

