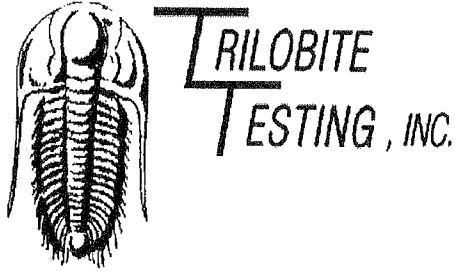


15-179-21156

2-9s-26w



DRILL STEM TEST REPORT

Prepared For: **Imperial American Operating Inc**

900 NTyler Rd Ste 14
Wichita KS 67212

ATTN: Randy Kilian

2 9S 26W Sheridan KS

Museum Land 2-1

Start Date: 2006.07.16 @ 20:30:25

End Date: 2006.07.17 @ 03:01:25

Job Ticket #: 24983 DST #: 1

15-179-21156 -00-00

RECEIVED
 JUL 28 2006
 KCC WICHITA

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

Imperial American Operating Inc

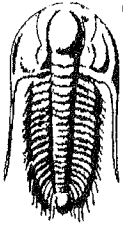
Museum Land 2-1

2 9S 26W Sheridan KS

DST # 1

LKC C-G

2006.07.16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Imperial American Operating Inc

Museum Land 2-1

900 N Tyler Rd Ste 14
Wichita KS 67212

2 9S 26W Sheridan KS

ATTN: Randy Killian

Job Ticket: 24983

DST#: 1

Test Start: 2006.07.16 @ 20:30:25

GENERAL INFORMATION:

Formation: **LKC C-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:40:55

Time Test Ended: 03:01:25

Test Type: Conventional Bottom Hole

Tester: Les Adams

Unit No: 30

Interval: **3793.00 ft (KB) To 3865.00 ft (KB) (TVD)**

Total Depth: 3865.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2585.00 ft (KB)

2580.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 94.87 psig @ 3794.00 ft (KB)

Start Date: 2006.07.16

End Date: 2006.07.17

Capacity: 7000.00 psig

Last Calib.: 2006.07.17

Start Time: 20:30:26

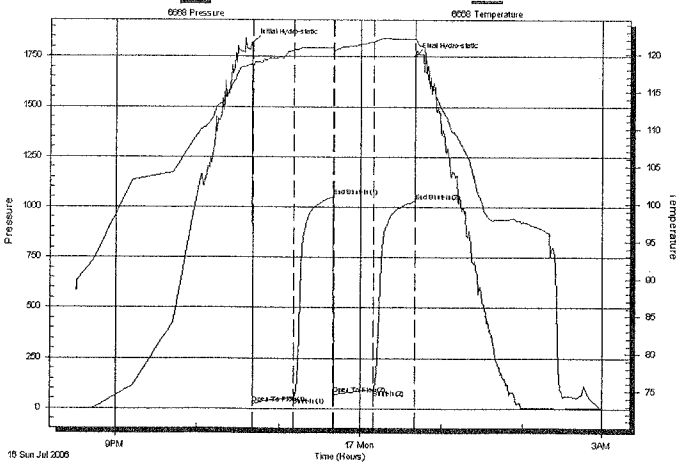
End Time: 03:01:25

Time On Btm: 2006.07.16 @ 22:40:25

Time Off Btm: 2006.07.17 @ 00:40:25

TEST COMMENT: IF Weak blow Built to 1 1/2 " in bucket
ISI No blow
FF Weak blow 1 1/2 " in bucket weakend to surface blow
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

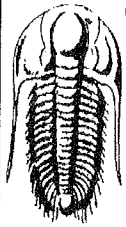
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1816.62	118.94	Initial Hydro-static
1	23.54	118.59	Open To Flow (1)
30	57.93	120.63	Shut-In(1)
60	1050.86	120.93	End Shut-In(1)
60	71.22	120.63	Open To Flow (2)
90	94.87	121.78	Shut-In(2)
120	1029.00	122.09	End Shut-In(2)
120	1753.06	122.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SGCO&WM 3%G 4%O 8%W 85%M	0.30
60.00	SGCO&WM 1%W 3%G 11%O 85%M	0.30
60.00	OM 2%M 98%O	0.30
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Operating Inc

Museum Land 2-1

900 NTyler Rd Ste 14
Wichita KS 67212

2 9S 26W Sheridan KS

ATTN: Randy Kilian

Job Ticket: 24983

DST#: 1

Test Start: 2006.07.16 @ 20:30:25

Tool Information

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 484.00 ft	Diameter: 2.25 inches	Volume: 2.38 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 48.73 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3793.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

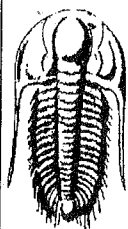
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3773.00	
Shut In Tool	5.00			3778.00	
Hydraulic tool	5.00			3783.00	
Packer	5.00			3788.00	21.00 Bottom Of Top Packer
Packer	5.00			3793.00	
Stubb	1.00			3794.00	
Recorder	0.00	6668	Inside	3794.00	
Perforations	26.00			3820.00	
Change Over Sub	1.00			3821.00	
Blank Spacing	31.00			3852.00	
Change Over Sub	1.00			3853.00	
Perforations	9.00			3862.00	
Recorder	0.00	13769	Outside	3862.00	
Bullnose	3.00			3865.00	72.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Operating Inc

Museum Land 2-1

900 NTyler Rd Ste 14
Wichita KS 67212

2 9S 26W Sheridan KS

Job Ticket: 24983

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.07.16 @ 20:30:25

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SGCO&WM 3%G 4%O 8%W 85%M	0.295
60.00	SGCO&WM 1%W 3%G 11%O 85%M	0.295
60.00	OM 2%M 98%O	0.295
0.00		0.000

Total Length: 180.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

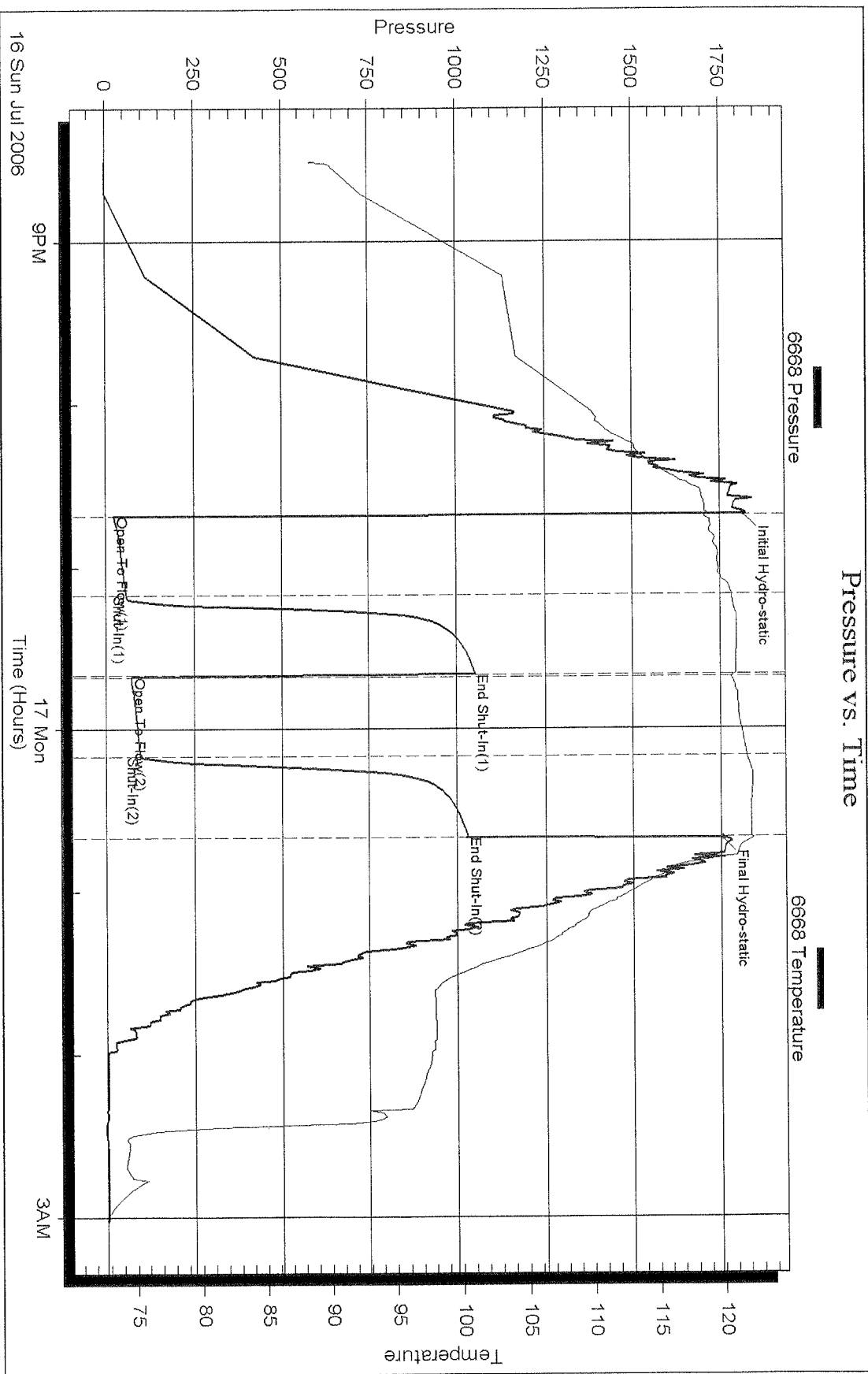
Inside

Imperial American Operating Inc

2 9S 26W Sheridan KS

DST Test Number: 1

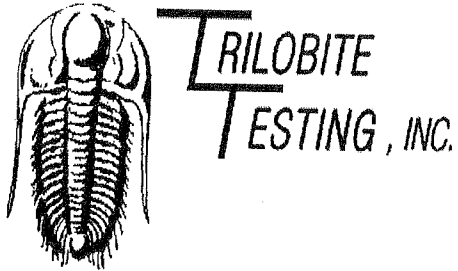
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 24983

Printed: 2006.07.18 @ 11:26:06 Page 5



DRILL STEM TEST REPORT

Prepared For: **Imperial American Operating Inc**

900 NTyler Rd Ste 14
Wichita KS 67212

ATTN: Randy Kilian

2 9S 26W Sheridan KS

Museum Land 2-1

Start Date: 2006.07.17 @ 13:51:03

End Date: 2006.07.17 @ 19:51:48

Job Ticket #: 24984 DST #: 2

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

Imperial American Operating Inc

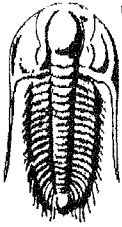
Museum Land 2-1

2 9S 26W Sheridan KS

DST # 2

KC H-K

2006.07.17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Imperial American Operating Inc

Museum Land 2-1

900 N Tyler Rd Ste 14
Wichita KS 67212

2 9S 26W Sheridan KS

ATTN: Randy Kilian

Job Ticket: 24984

DST#: 2

Test Start: 2006.07.17 @ 13:51:03

GENERAL INFORMATION:

Formation: **KC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:26:33

Time Test Ended: 19:51:48

Test Type: Conventional Bottom Hole

Tester: Les Adams

Unit No: 30

Interval: **3883.00 ft (KB) To 3975.00 ft (KB) (TVD)**

Total Depth: 3865.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2585.00 ft (KB)

2580.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 22.71 psig @ 3884.00 ft (KB)

Start Date: 2006.07.17

End Date: 2006.07.17

Start Time: 13:51:04

End Time: 19:51:48

Capacity: 7000.00 psig

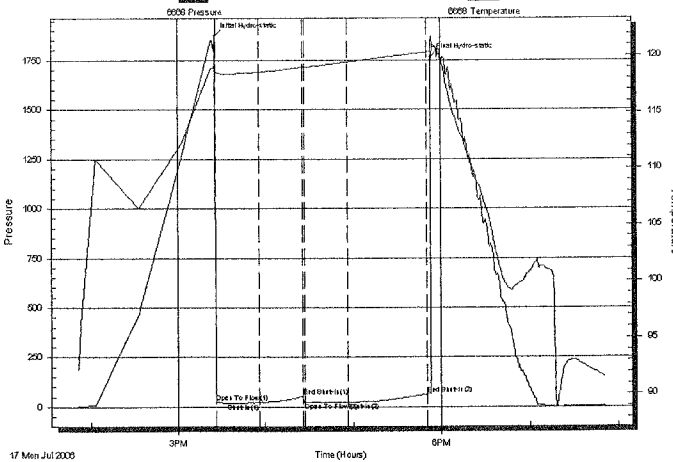
Last Calib.: 2006.07.17

Time On Btm: 2006.07.17 @ 15:26:03

Time Off Btm: 2006.07.17 @ 17:52:48

TEST COMMENT: IF No blow
ISI No blow
FF No blow
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

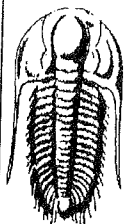
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.34	119.31	Initial Hydro-static
1	21.89	118.70	Open To Flow (1)
31	20.99	118.53	Shut-In(1)
60	55.42	118.95	End Shut-In(1)
61	21.69	118.94	Open To Flow (2)
91	22.71	119.42	Shut-In(2)
145	65.12	120.30	End Shut-In(2)
147	1765.33	121.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%DRLGM	0.02
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Operating Inc
900 NTyler Rd Ste 14
Wichita KS 67212
ATTN: Randy Kilian

Museum Land 2-1
2 9S 26W Sheridan KS
Job Ticket: 24984 **DST#: 2**
Test Start: 2006.07.17 @ 13:51:03

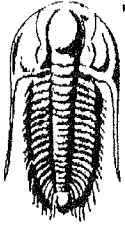
Tool Information

Drill Pipe:	Length: 3391.00 ft	Diameter: 3.80 inches	Volume: 47.57 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 484.00 ft	Diameter: 2.25 inches	Volume: 2.38 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	49.95 bbl	Tool Chased: 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3883.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	113.00 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			3863.00	
Shut In Tool	5.00			3868.00	
Hydraulic tool	5.00			3873.00	
Packer	5.00			3878.00	21.00 Bottom Of Top Packer
Packer	5.00			3883.00	
Stubb	1.00			3884.00	
Recorder	0.00	6668	Inside	3884.00	
Perforations	15.00			3899.00	
Change Over Sub	1.00			3900.00	
Blank Spacing	62.00			3962.00	
Change Over Sub	1.00			3963.00	
Perforations	9.00			3972.00	
Recorder	0.00	13769	Outside	3972.00	
Bullnose	3.00			3975.00	92.00 Bottom Packers & Anchor
Total Tool Length:	113.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Operating Inc

Museum Land 2-1

900 NTyler Rd Ste 14
Wichita KS 67212

2 9S 26W Sheridan KS

Job Ticket: 24984

DST#: 2

ATTN: Randy Kilian

Test Start: 2006.07.17 @ 13:51:03

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%DRLGM	0.025
0.00		0.000

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

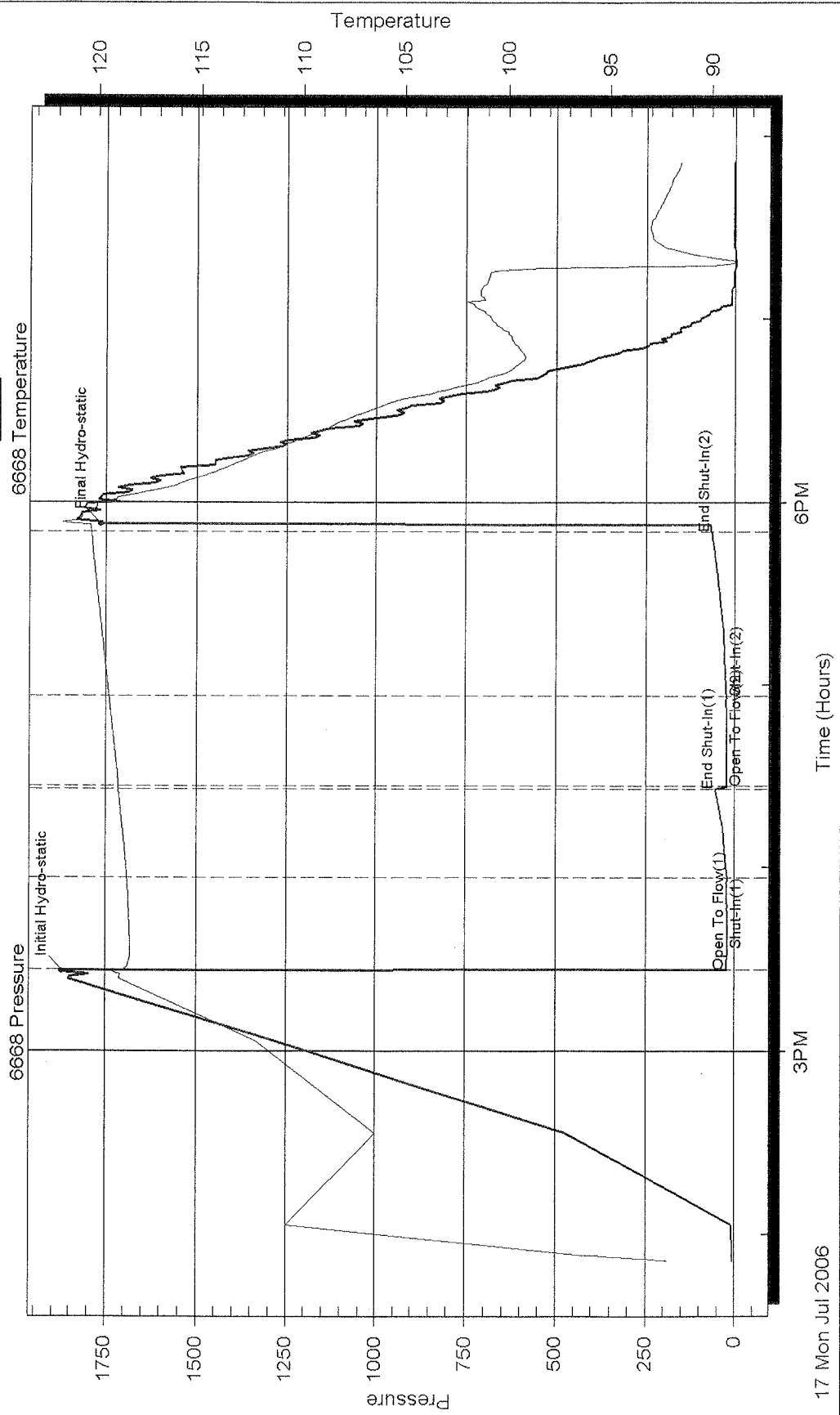


CHART PAGE

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

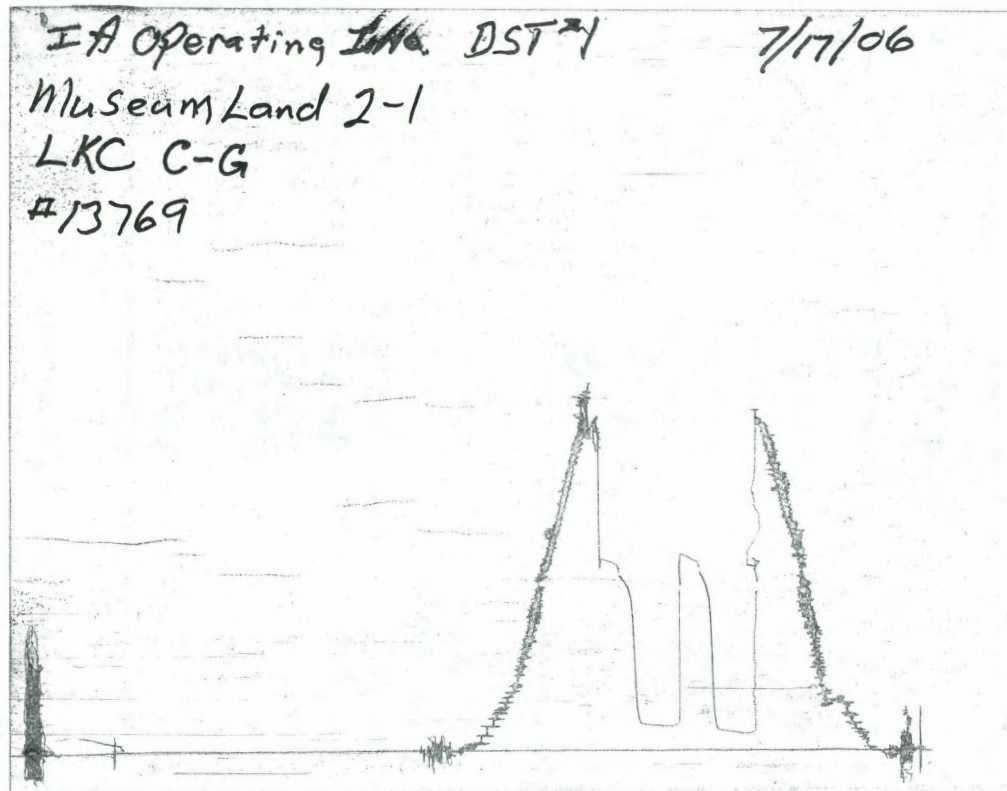


CHART PAGE

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

