

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **M & M Exploration Inc**

60 Garden Center Ste 102
Broomfield CO 80020

ATTN: Bill Goff

13 4S 37 Cheyenne KS

Jensen #1

Start Date: 2006.10.21 @ 04:23:51
End Date: 2006.10.21 @ 13:21:10
Job Ticket #: 26035 DST #: 1

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

DRILL STEM TEST REPORT

M & M Exploration Inc

60 Garden Center Ste 102
Broomfield CO 80020

ATTN: Bill Goff

Jensen #1

13 4S 37 Cheyenne KS

Job Ticket: 26035 **DST#: 1**

Test Start: 2006.10.21 @ 04:23:51

GENERAL INFORMATION:

Formation: **Lansing "B"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:05:00
Time Test Ended: 13:21:10

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 22

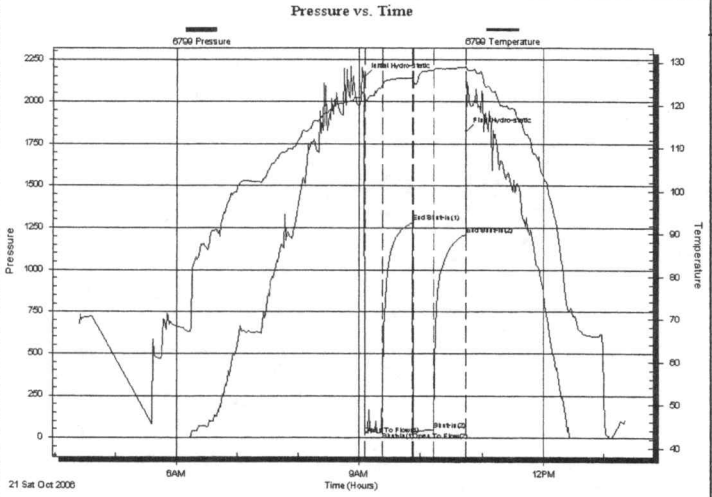
Interval: 4168.00 ft (KB) To 4220.00 ft (KB) (TVD)
Total Depth: 4220.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3280.00 ft (KB)
3270.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6799 **Inside**
Press@RunDepth: 47.81 psig @ 4169.00 ft (KB)
Start Date: 2006.10.21 End Date: 2006.10.21
Start Time: 04:23:53 End Time: 13:21:10

Capacity: 7000.00 psig
Last Calib.: 2006.10.21
Time On Btm: 2006.10.21 @ 09:04:51
Time Off Btm: 2006.10.21 @ 10:44:10

TEST COMMENT: IF Very weak surface blow
ISI No blow back
FF Very weak surface blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.24	123.23	Initial Hydro-static
1	19.79	122.21	Open To Flow (1)
18	32.67	124.26	Shut-In(1)
48	1282.94	126.39	End Shut-In(1)
48	34.83	125.74	Open To Flow (2)
68	47.81	128.15	Shut-In(2)
99	1212.97	128.85	End Shut-In(2)
100	1823.99	129.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Drlg Mud	0.32

Gas Rates

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

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DRILL STEM TEST REPORT

TOOL DIAGRAM

M & M Exploration Inc

60 Garden Center Ste 102
Broomfield CO 80020

ATTN: Bill Goff

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13 4S 37 Cheyenne KS

Job Ticket: 26035 **DST#: 1**

Test Start: 2006.10.21 @ 04:23:51

Tool Information

Drill Pipe:	Length:	3971.00 ft	Diameter:	3.80 inches	Volume:	55.70 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	182.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	
					Total Volume:	56.60 bbl	

Drill Pipe Above KB:	15.00 ft
Depth to Top Packer:	4168.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	52.00 ft
Tool Length:	82.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	1.00 ft
String Weight: Initial	58000.00 lb
Final	58000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4143.00		
Sampler	2.00			4145.00		
Hydraulic tool	5.00			4150.00		
Jars	5.00			4155.00		
Safety Joint	3.00			4158.00		
Packer	5.00			4163.00	30.00	Bottom Of Top Packer
Packer	5.00			4168.00		
Stubb	1.00			4169.00		
Recorder	0.00	6799	Inside	4169.00		
Perforations	15.00			4184.00		
Blank Spacing	33.00			4217.00		
Recorder	0.00	3354	Outside	4217.00		
Bullnose	3.00			4220.00	52.00	Bottom Packers & Anchor
Total Tool Length:	**82.00**					

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DRILL STEM TEST REPORT

FLUID SUMMARY

M & M Exploration Inc

60 Garden Center Ste 102
Broomfield CO 80020

ATTN: Bill Goff

Jensen #1

13 4S 37 Cheyenne KS

Job Ticket: 26035 **DST#: 1**

Test Start: 2006.10.21 @ 04:23:51

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm				
Filter Cake:	0.04 inches				

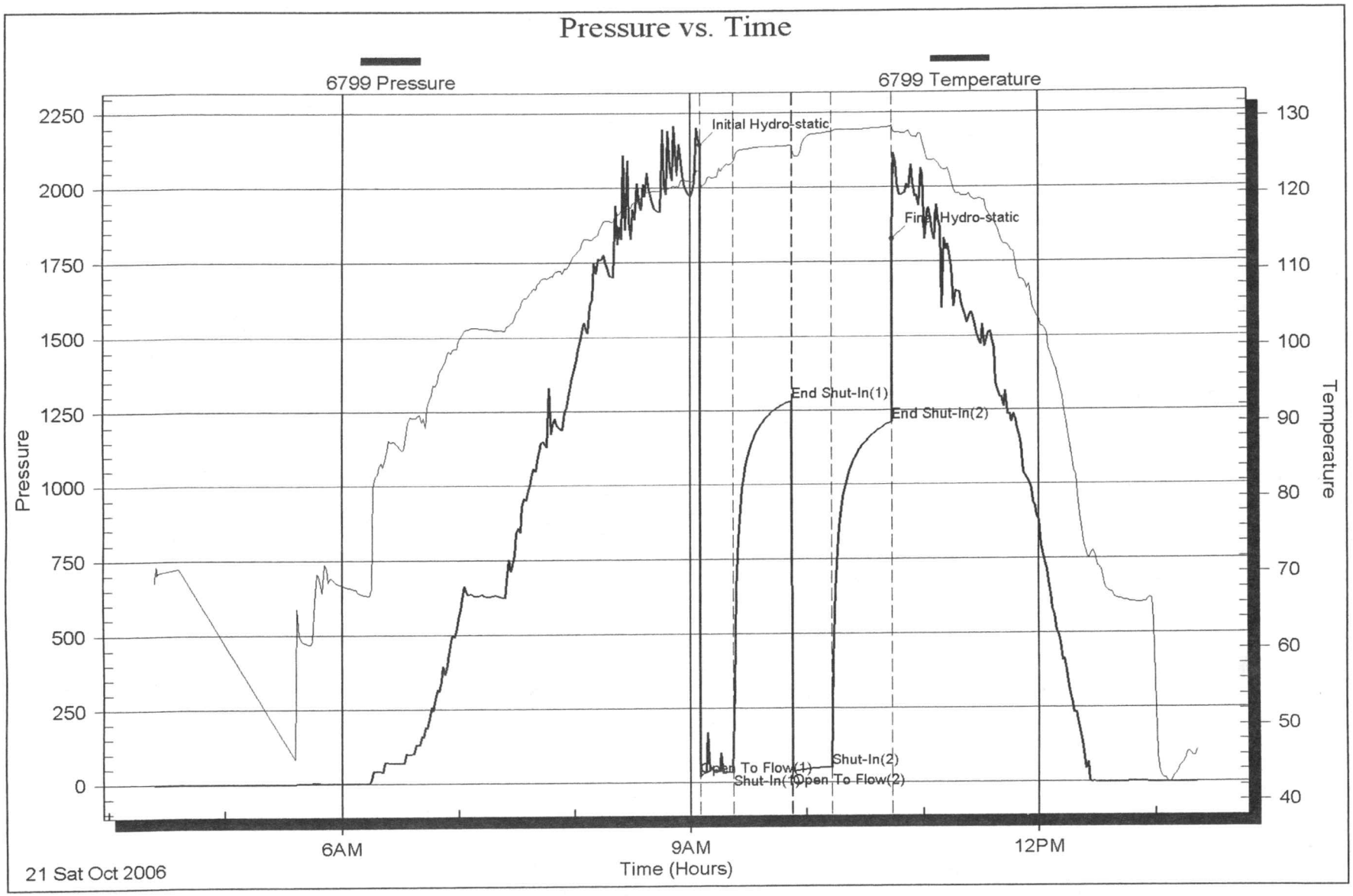
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drlg Mud	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

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


Pressure vs. Time
6799 Pressure
6799 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
60
50
40
6AM
9AM
12PM
Time (Hours)
21 Sat Oct 2006



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Prepared For: **M & M Exploration Inc**

60 Garden Center Ste 102
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ATTN: Bill Goff

13 4S 37 Cheyenne KS

Jensen #1

Start Date: 2006.10.23 @ 10:19:29
End Date: 2006.10.23 @ 19:19:18
Job Ticket #: 26036 DST #: 2

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ATTN: Bill Goff

Jensen #1

13 4S 37 Cheyenne KS

Job Ticket: 26036 **DST#: 2**

Test Start: 2006.10.23 @ 10:19:29

GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:00:29
Time Test Ended: 19:19:18

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 22

Interval: 4558.00 ft (KB) To 4636.00 ft (KB) (TVD)
Total Depth: 4636.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

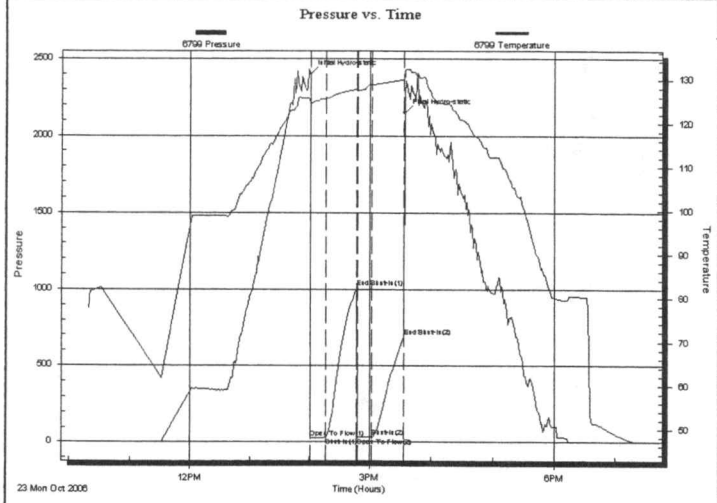
Reference Elevations: 3280.00 ft (KB)
3270.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6799 **Inside**

Press@RunDepth: 30.72 psig @ 4559.00 ft (KB)
Start Date: 2006.10.23 End Date: 2006.10.23
Start Time: 10:19:31 End Time: 19:19:18

Capacity: 7000.00 psig
Last Calib.: 2006.10.23
Time On Btm: 2006.10.23 @ 14:00:19
Time Off Btm: 2006.10.23 @ 15:33:19

TEST COMMENT: IF Weak blow built to .5 " in bucket
ISI Bled off no blow back
FF No blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.35	125.58	Initial Hydro-static
1	26.47	124.43	Open To Flow (1)
16	30.26	125.53	Shut-In(1)
46	1015.29	127.76	End Shut-In(1)
47	30.30	127.15	Open To Flow (2)
61	30.72	128.79	Shut-In(2)
93	691.57	130.03	End Shut-In(2)
94	2148.72	130.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Slightly Oil Specked Mud <1%O 99+%M	0.07
0.00	No GIP	0.00

Gas Rates

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

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TOOL DIAGRAM

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Job Ticket: 26036 **DST#: 2**

Test Start: 2006.10.23 @ 10:19:29

Tool Information

Drill Pipe:	Length:	4368.00 ft	Diameter:	3.80 inches	Volume:	61.27 bbl
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl
Drill Collar:	Length:	182.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl
					Total Volume:	62.17 bbl

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	4558.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	78.00 ft
Tool Length:	106.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	63000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	52000.00 lb
Final	52000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4535.00		
Hydraulic tool	5.00			4540.00		
Jars	5.00			4545.00		
Safety Joint	3.00			4548.00		
Packer	5.00			4553.00	28.00	Bottom Of Top Packer
Packer	5.00			4558.00		
Stubb	1.00			4559.00		
Recorder	0.00	6799	Inside	4559.00		
Perforations	11.00			4570.00		
Blank Spacing	63.00			4633.00		
Recorder	0.00	3354	Outside	4633.00		
Bullnose	3.00			4636.00	78.00	Bottom Packers & Anchor
Total Tool Length:	**106.00**					

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Job Ticket: 26036 **DST#: 2**

Test Start: 2006.10.23 @ 10:19:29

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	0.04 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Slightly Oil Specked Mud <1%O 99+%M	0.074
0.00	No GIP	0.000

Total Length: 15.00 ft Total Volume: 0.074 bbl

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

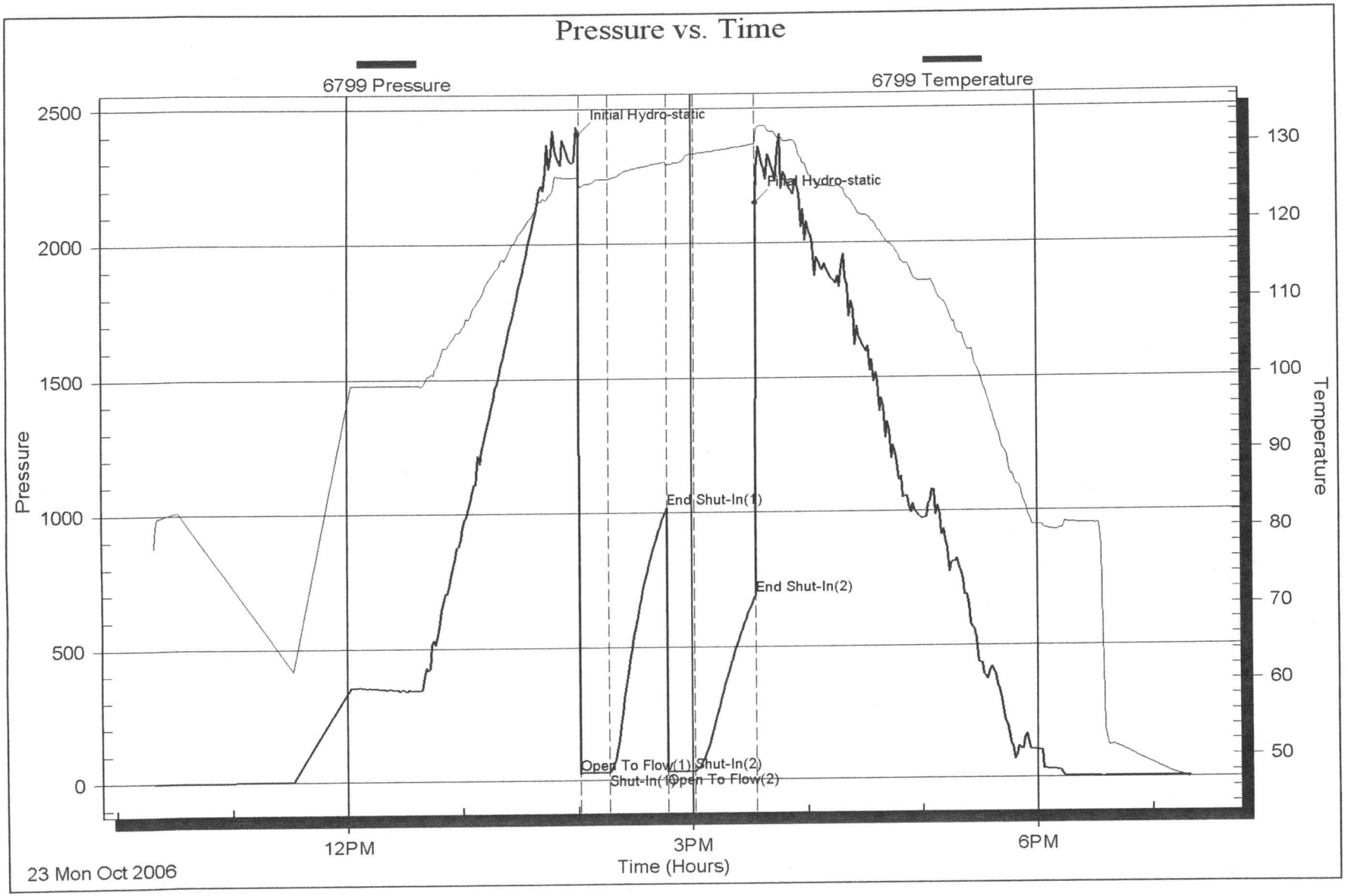

Pressure vs. Time
6799 Pressure
6799 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
12PM
3PM
6PM
Time (Hours)
23 Mon Oct 2006

CHART PAGE

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

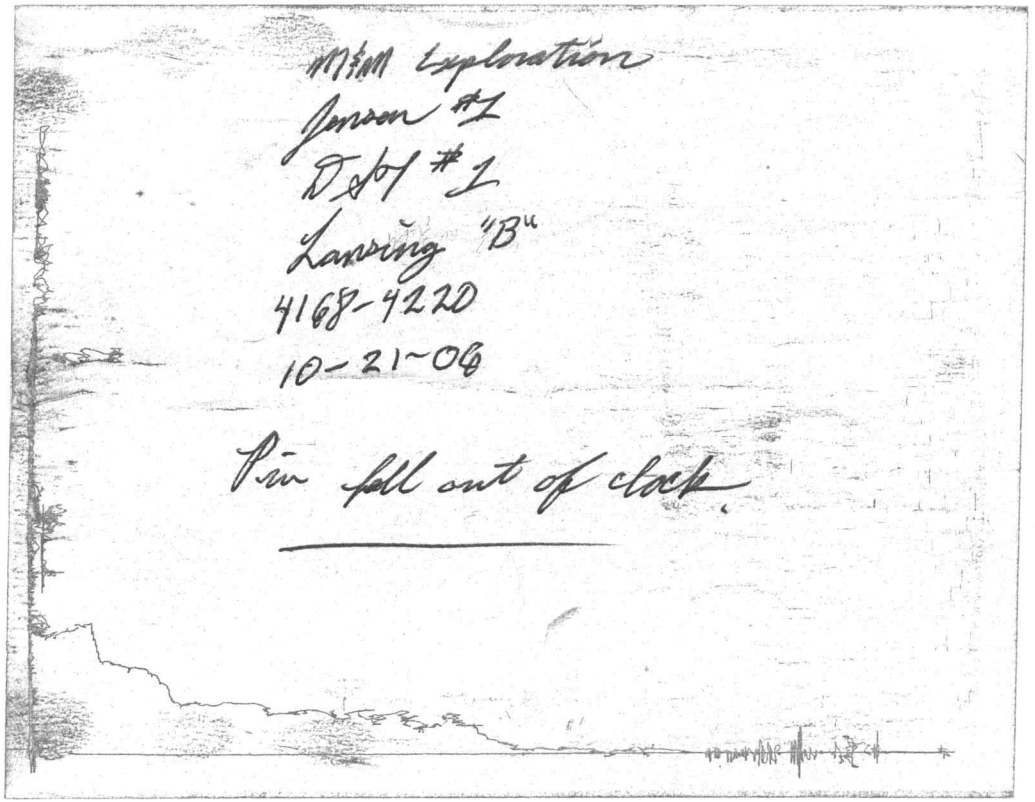


CHART PAGE

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

