

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Jeremy Ensiz

3 16S 25W Ness KS

Harold #4

Start Date: 2007.03.05 @ 07:32:34

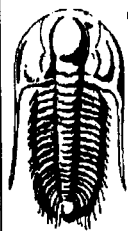
End Date: 2007.03.05 @ 15:52:58

Job Ticket #: 28214 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

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeremy Enszt

Harold #4

3 16S 25W Ness KS

Job Ticket: 28214

DST#: 1

Test Start: 2007.03.05 @ 07:32:34

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:43:29

Time Test Ended: 15:52:58

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **4380.00 ft (KB) To 4424.00 ft (KB) (TVD)**

Total Depth: 4424.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 2557.00 ft (KB)

2547.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753 Inside

Press@RunDepth: 37.78 psig @ 4385.01 ft (KB)

Start Date: 2007.03.05

End Date:

2007.03.05

Start Time: 07:32:34

End Time:

15:52:58

Capacity: 7000.00 psig

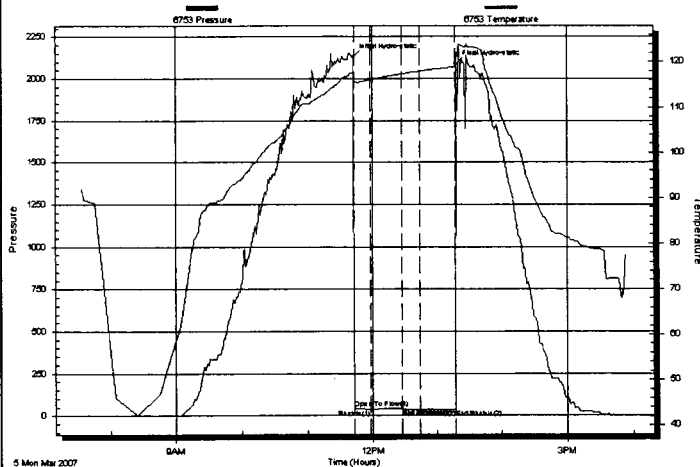
Last Calib.: 2007.03.05

Time On Btm: 2007.03.05 @ 11:42:59

Time Off Btm: 2007.03.05 @ 13:17:58

TEST COMMENT: IFP Wk surface bl thru-out
FFP Wk surface bl died in 10 min
Times 15 30 15 30

Pressure vs. Time



PRESSURE SUMMARY

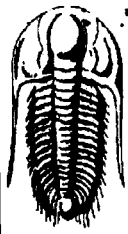
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.01	117.70	Initial Hydro-static
1	42.72	115.13	Open To Flow (1)
16	38.33	116.03	Shut-In(1)
45	43.44	117.34	End Shut-In(1)
45	37.26	117.34	Open To Flow (2)
62	37.78	117.92	Shut-In(2)
95	37.18	118.90	End Shut-In(2)
95	2087.08	120.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w/show of Oil in tool	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc

Harold #4

PO Box 20380
Wichita KS 67208

3 16S 25W Ness KS

Job Ticket: 28214

DST#: 1

ATTN: Jeremy Enszt

Test Start: 2007.03.05 @ 07:32:34

Tool Information

Drill Pipe:	Length: 4196.00 ft	Diameter: 3.34 inches	Volume: 45.47 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	100000.0 lb
		Total Volume:	46.36 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4380.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.02 ft				
Tool Length:	72.02 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			4353.00	
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
Safety Joint	2.00			4370.00	
Packer	5.00			4375.00	28.00 Bottom Of Top Packer
Packer	5.00			4380.00	
Stubb	1.00			4381.00	
Perforations	4.00			4385.00	
Recorder	0.01	6753	Inside	4385.01	
Perforations	4.00			4389.01	
Recorder	0.01	13534	Outside	4389.02	
Blank Spacing	32.00			4421.02	
Bullnose	3.00			4424.02	44.02 Bottom Packers & Anchor

Total Tool Length: 72.02



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Harold #4

PO Box 20380
Wichita KS 67208

3 16S 25W Ness KS

Job Ticket: 28214

DST#: 1

ATTN: Jeremy Ensiz

Test Start: 2007.03.05 @ 07:32:34

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud w/show of Oil in tool	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

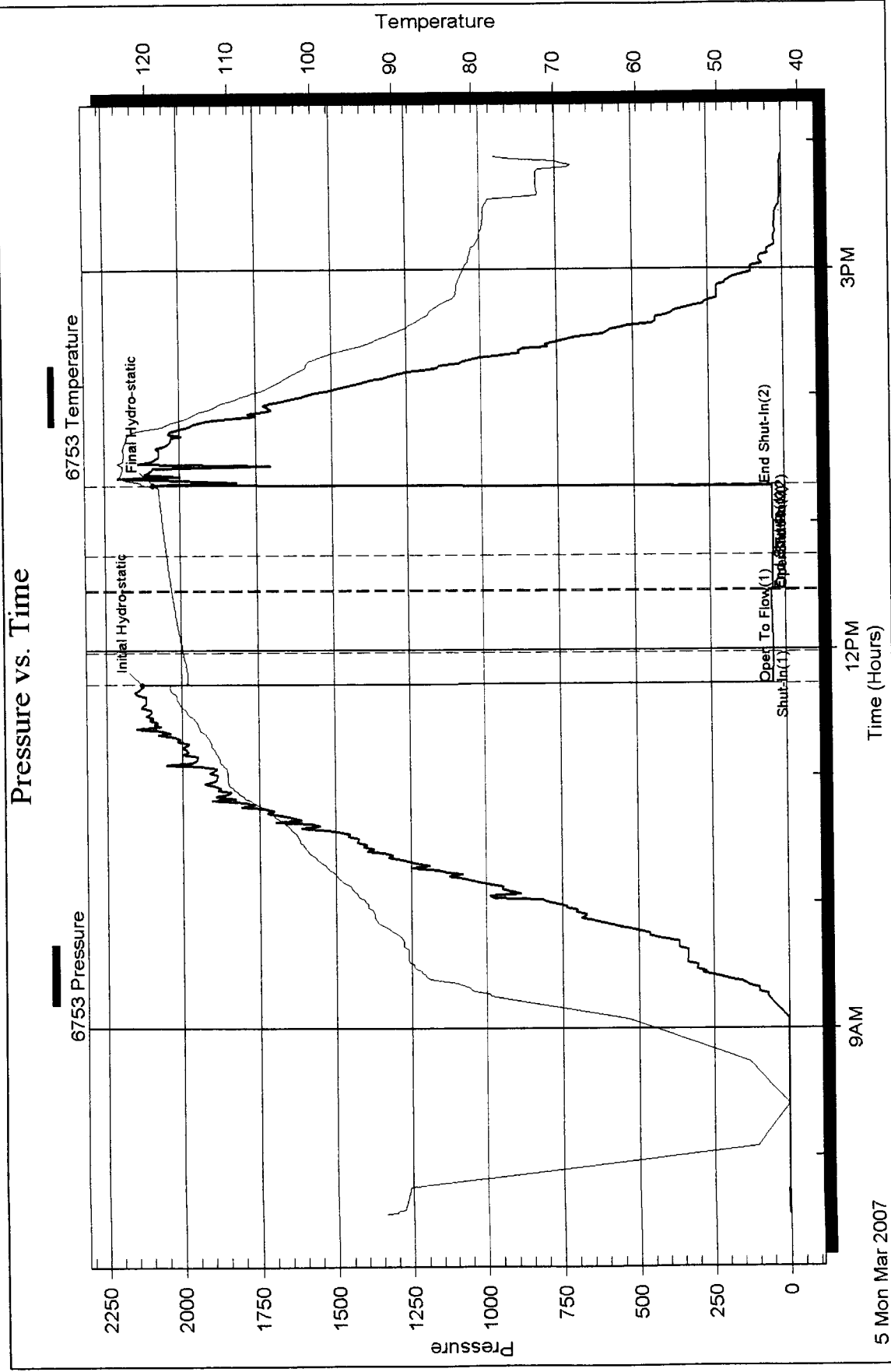
Serial #:

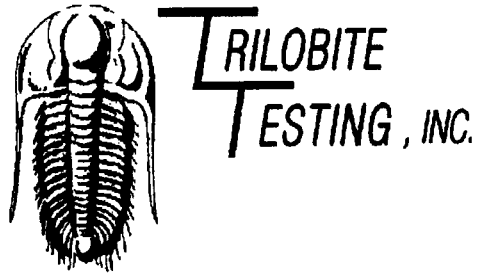
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Jeremy Enszt

3 16S 25W Ness KS

Harold #4

Start Date: 2007.03.06 @ 08:45:35

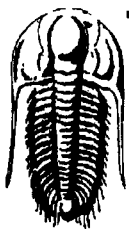
End Date: 2007.03.06 @ 18:48:30

Job Ticket #: 28215 DST #: 2

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DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeremy Enszt

Harold #4

3 16S 25W Ness KS

Job Ticket: 28215

DST#: 2

Test Start: 2007.03.06 @ 08:45:35

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 11:33:00

Time Test Ended: 18:48:30

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **4500.00 ft (KB) To 4515.00 ft (KB) (TVD)**

Total Depth: 4515.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 2557.00 ft (KB)

2547.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 102.68 psig @ 4501.01 ft (KB)

Start Date: 2007.03.06

End Date:

2007.03.06

Start Time: 08:45:35

End Time:

18:48:30

Capacity: 7000.00 psig

Last Calib.: 2007.03.06

Time On Btm: 2007.03.06 @ 11:32:30

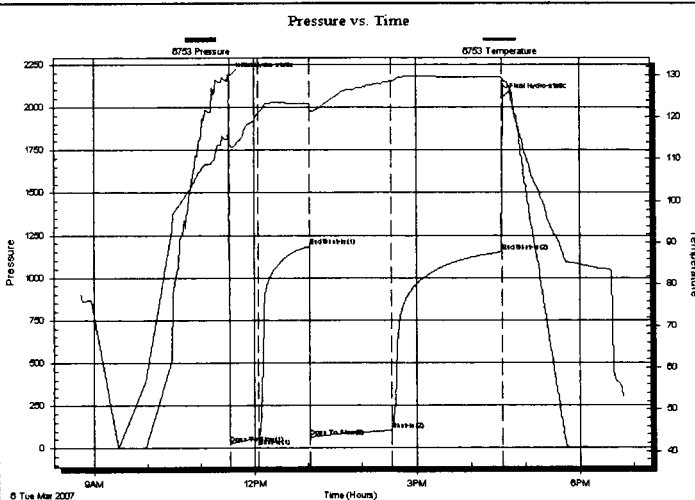
Time Off Btm: 2007.03.06 @ 16:34:29

TEST COMMENT: IFF Wk bl thru-out surface to 2 " bl

FFP Wk to a gd bl 1/2 " to 8 " bl

Times 30 60 90 120

Surface bl on shut-in



PRESSURE SUMMARY

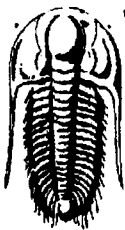
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.39	116.84	Initial Hydro-static
1	24.70	113.99	Open To Flow (1)
32	57.79	120.85	Shut-In(1)
90	1182.50	123.29	End Shut-In(1)
90	64.31	121.67	Open To Flow (2)
180	102.68	128.53	Shut-In(2)
302	1151.23	129.46	End Shut-In(2)
302	2054.78	129.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MGO 25%G 28%M 47%O	0.30
140.00	CO	0.81
0.00	340' GIP	0.00

Gas Rates

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

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Jeremy Ensiz

Harold #4

3 16S 25W Ness KS

Job Ticket: 28215

DST#: 2

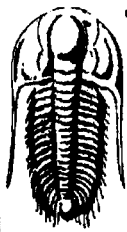
Test Start: 2007.03.06 @ 08:45:35

Tool Information

Drill Pipe:	Length: 4323.00 ft	Diameter: 3.34 inches	Volume: 46.85 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	47.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4500.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.02 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			4473.00	
Shut In Tool	5.00			4478.00	
Hydraulic tool	5.00			4483.00	
Jars	5.00			4488.00	
Safety Joint	2.00			4490.00	
Packer	5.00			4495.00	28.00 Bottom Of Top Packer
Packer	5.00			4500.00	
Stubb	1.00			4501.00	
Recorder	0.01	6753	Inside	4501.01	
Perforations	11.00			4512.01	
Recorder	0.01	13534	Outside	4512.02	
Bullnose	3.00			4515.02	15.02 Bottom Packers & Anchor

Total Tool Length: 43.02



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Job Ticket: 28215

DST#: 2

ATTN: Jeremy Enszt

Test Start: 2007.03.06 @ 08:45:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MGO 25%G 28%M 47%O	0.295
140.00	CO	0.807
0.00	340' GIP	0.000

Total Length: 200.00 ft

Total Volume: 1.102 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

Inside

Berexco Inc

3 16S 25W Ness KS

DST Test Number: 2

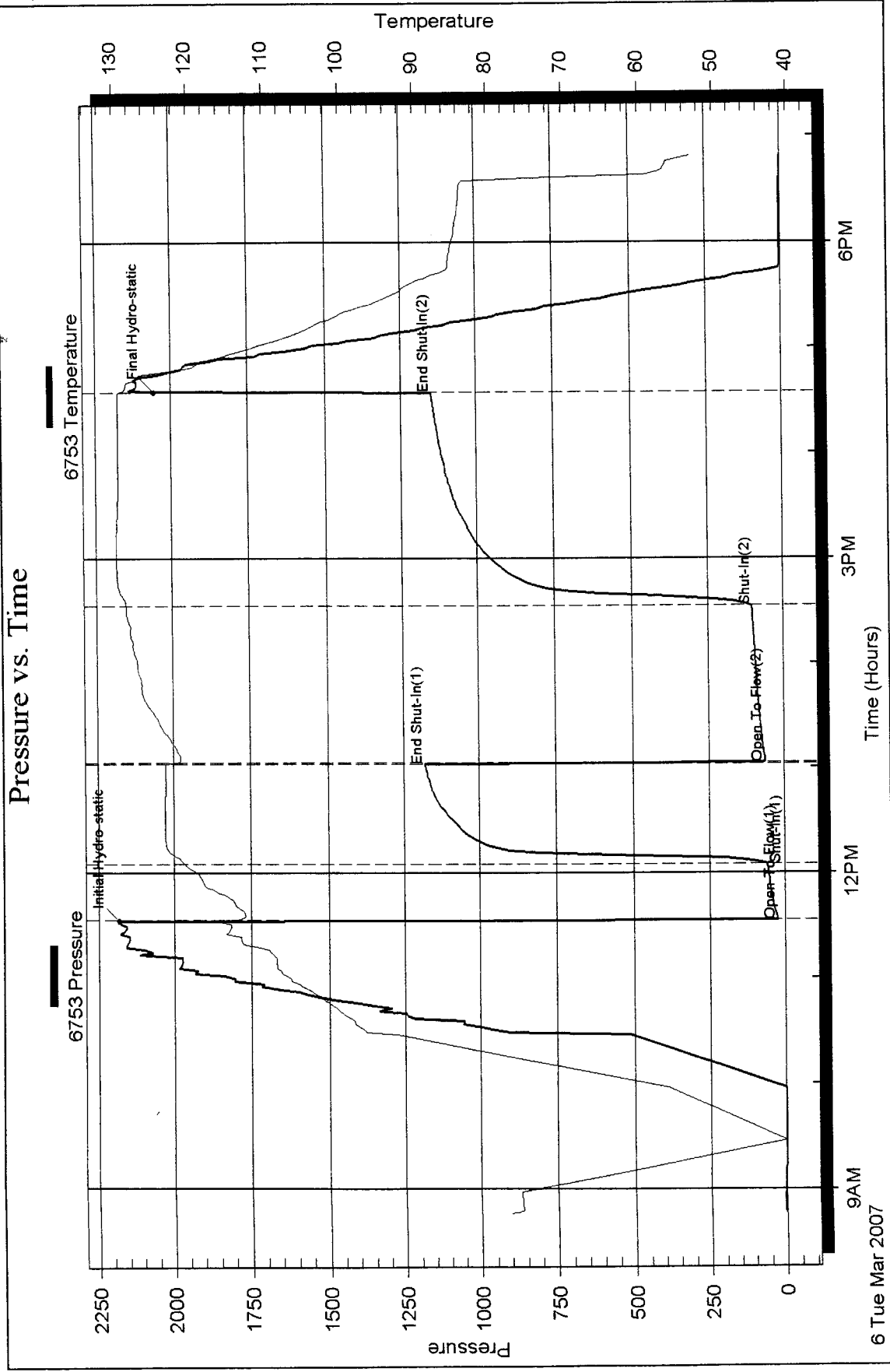


CHART PAGE

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

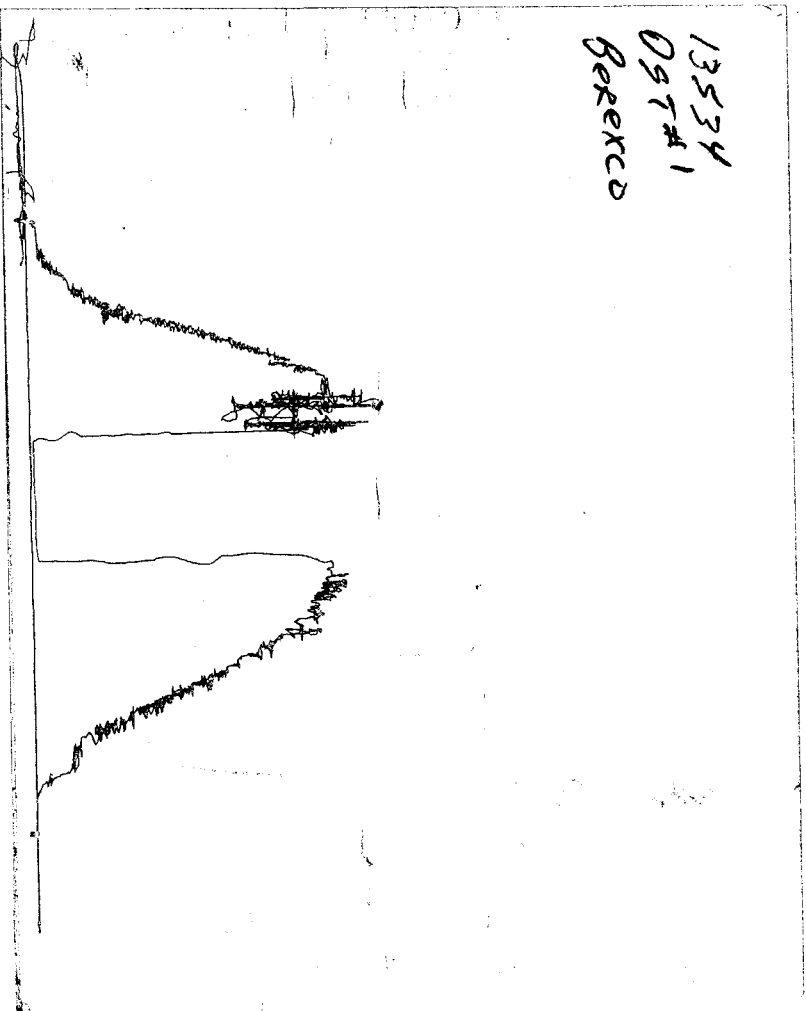


CHART PAGE

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

13534
057#2
Borecco

