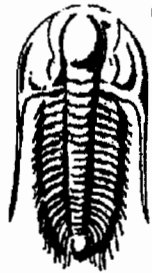


15-151-22232

15-151-22232



**TRILOBITE
TESTING, INC.**

KCC
JUN 18 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N. Tyler Road
Wichita, KS 67212-3240

ATTN: Brent Reinhardt

7-29s-12w-Pratt-KS

Pride #5-7

Start Date: 2006.03.22 @ 23:42:29

End Date: 2006.03.23 @ 09:37:59

Job Ticket #: 24105 DST #: 1

RECEIVED
JUN 22 2006
KCC WICHITA

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

Hummon Corporation

Pride #5-7

7-29s-12w-Pratt-KS

DST # 1

LKC "H-I"

2006.03.22



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24105 DST#: 1
Test Start: 2006.03.22 @ 23:42:29

GENERAL INFORMATION:

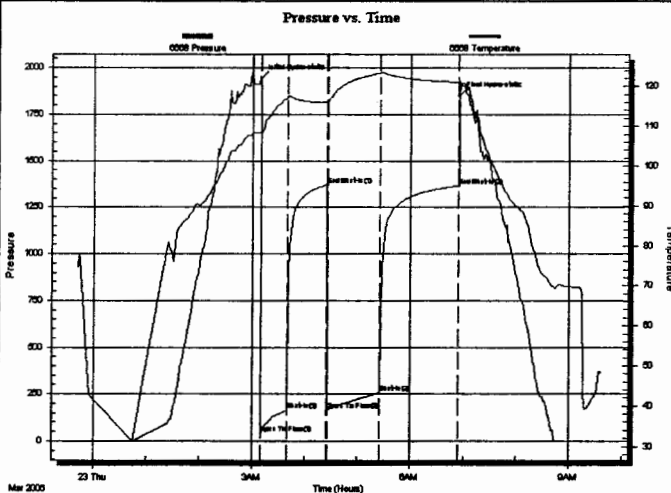
Formation: LKC "H-I"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:09:29
Time Test Ended: 09:37:59
Interval: 4015.00 ft (KB) To 4050.00 ft (KB) (TVD)
Total Depth: 4050.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 30
Reference Elevations: 1899.00 ft (KB)
1894.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 257.27 psig @ 4016.00 ft (KB)
Start Date: 2006.03.22 End Date: 2006.03.23
Start Time: 23:42:30 End Time: 09:37:59
Capacity: 7000.00 psig
Last Calib.: 2006.03.23
Time On Btmr: 2006.03.23 @ 03:09:14
Time Off Btmr: 2006.03.23 @ 06:54:59

TEST COMMENT: IF: Weak blow building to 8" in bucket.
IS: Bled off, no blow back.
FF: Weak blow building to 9" in bucket.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1945.87	108.45	Initial Hydro-static
1	42.51	108.15	Open To Flow (1)
31	164.67	117.26	Shut-In (1)
76	1371.31	115.89	End Shut-In (1)
77	163.91	115.58	Open To Flow (2)
136	257.27	123.39	Shut-In (2)
226	1366.44	121.05	End Shut-In (2)
226	1851.95	121.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
487.00	Salt Water	4.76
0.00	RW= 18ohm@42degF=72000ppmCHL	0.00
0.00	No gas in pipe.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

Pride #5-7

950 N. Tyler Road
Wichita, KS 67212-3240

7-29s-12w-Pratt-KS

Job Ticket: 24105

DST#: 1

ATTN: Brent Reinhardt

Test Start: 2006.03.22 @ 23:42:29

Tool Information

Drill Pipe:	Length: 3798.00 ft	Diameter: 3.80 inches	Volume: 53.28 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: 227.00 ft	Diameter: 2.25 inches	Volume: 1.12 bbl	Weight to Pull Loose:	58000.00 lb
			Total Volume: 54.40 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	4015.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	57.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3998.00	
Hydraulic tool	5.00			4003.00	
Safety Joint	2.00			4005.00	
Packer	5.00			4010.00	22.00 Bottom Of Top Packer
Packer	5.00			4015.00	
Stubb	1.00			4016.00	
Recorder	0.00	6668	Inside	4016.00	
Perforations	31.00			4047.00	
Recorder	0.00	13266	Outside	4047.00	
Bullnose	3.00			4050.00	35.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24105 DST#: 1
Test Start: 2006.03.22 @ 23:42:29

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:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	0.04 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
487.00	Salt Water	4.763
0.00	RW= 18ohm@42degF=72000ppmCHL	0.000
0.00	No gas in pipe.	0.000

Total Length: 487.00 ft Total Volume: 4.763 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

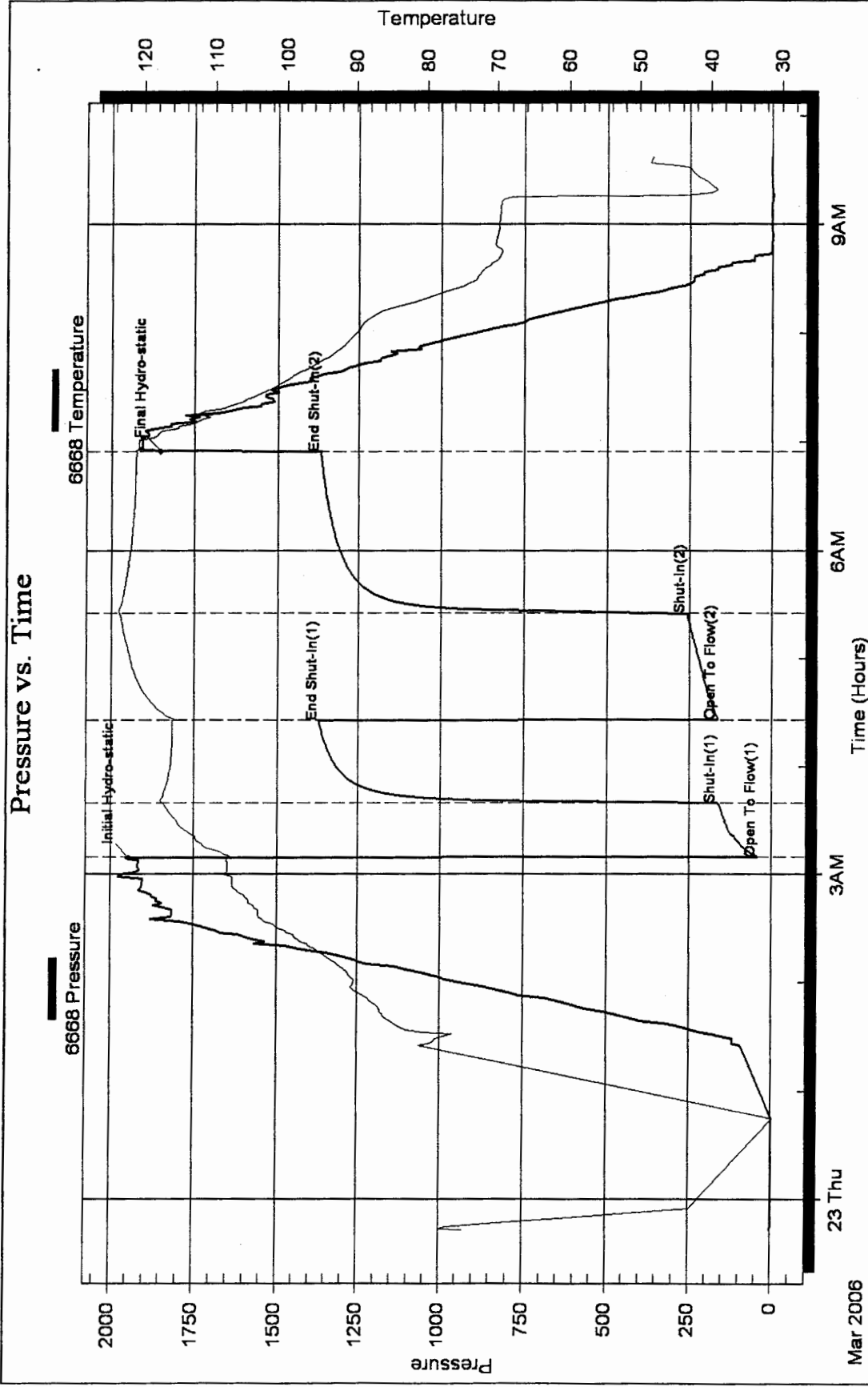
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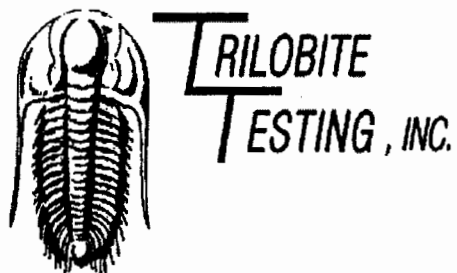
Inside

Hummon Corporation

7-29s-12w-Pratt-KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N. Tyler Road
Wichita, KS 67212-3240

ATTN: Brent Reinhardt

7-29s-12w-Pratt-KS

Pride #5-7

Start Date: 2006.03.24 @ 23:22:18

End Date: 2006.03.25 @ 09:06:33

Job Ticket #: 24106 DST #: 2

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Hummon Corporation

950 N. Tyler Road
Wichita, KS 67212-3240

ATTN: Brent Reinhardt

Pride #5-7

7-29s-12w-Pratt-KS

Job Ticket: 24106

DST#: 2

Test Start: 2006.03.24 @ 23:22:18

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:09:48

Time Test Ended: 09:06:33

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 30

Interval: 4426.00 ft (KB) To 4446.00 ft (KB) (TVD)

Total Depth: 4446.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1899.00 ft (KB)

1894.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 27.48 psig @ 4427.00 ft (KB)

Start Date: 2006.03.24

End Date:

2006.03.25

Start Time: 23:22:19

End Time:

09:06:33

Capacity: 7000.00 psig

Last Calib.: 2006.03.25

Time On Btm: 2006.03.25 @ 02:08:48

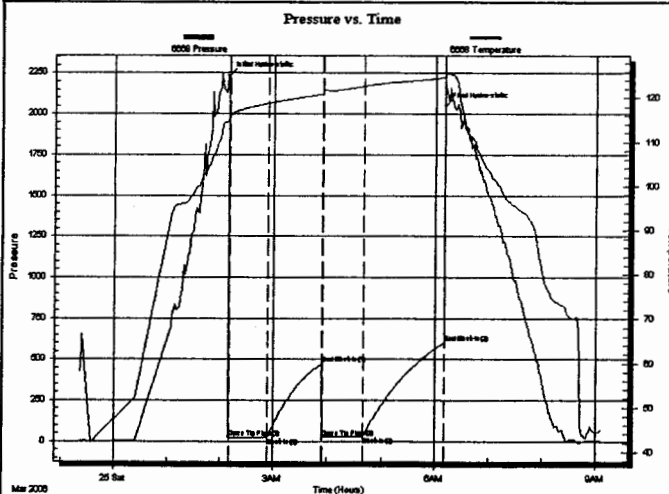
Time Off Btm: 2006.03.25 @ 06:10:33

TEST COMMENT: F: Fair blow building to BOB in 18 minutes 30 seconds.

IS: Bled off, weak surface blow back.

FF: Strong blow, building to BOB in 10 seconds.

FS: Bled off, weak surface blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.72	115.30	Initial Hydro-static
1	20.10	115.66	Open To Flow (1)
45	23.57	118.76	Shut-In(1)
105	473.68	120.87	End Shut-In(1)
106	21.35	121.19	Open To Flow (2)
151	27.48	122.67	Shut-In(2)
242	602.21	124.64	End Shut-In(2)
242	2048.58	125.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drig Mud 100%rm	0.20
0.00	Oil specs in hydraulic tool.	0.00
0.00	760' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24106 DST#: 2
Test Start: 2006.03.24 @ 23:22:18

Tool Information

Drill Pipe:	Length: 4202.00 ft	Diameter: 3.80 inches	Volume: 58.94 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: 227.00 ft	Diameter: 2.25 inches	Volume: 1.12 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 60.06 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4426.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	42.00 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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Shut In Tool	5.00			4409.00	
Hydraulic tool	5.00			4414.00	
Safety Joint	2.00			4416.00	
Packer	5.00			4421.00	22.00 Bottom Of Top Packer
Packer	5.00			4426.00	
Stubb	1.00			4427.00	
Recorder	0.00	6668	Inside	4427.00	
Perforations	16.00			4443.00	
Recorder	0.00	13266	Outside	4443.00	
Bullnose	3.00			4446.00	20.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24106 DST#: 2
Test Start: 2006.03.24 @ 23:22:18

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 13.57 in³

Resistivity: ohm.m

Salinity: 8000.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Drig Mud 100% m	0.197
0.00	Oil specs in hydraulic tool.	0.000
0.00	760' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

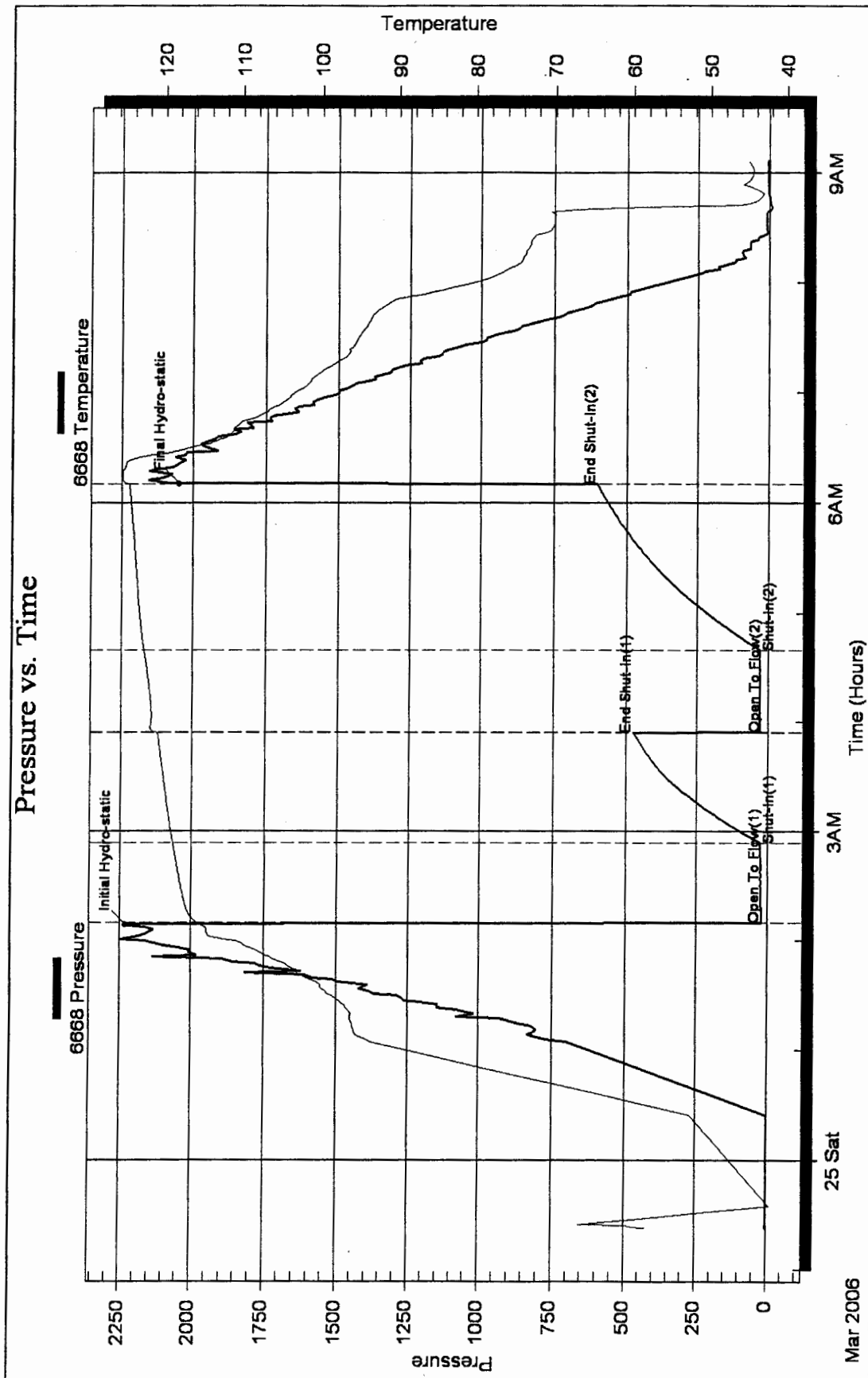
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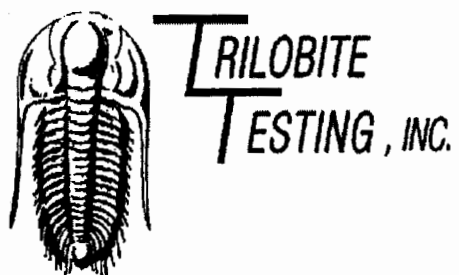
Inside

Hummon Corporation

7-29s-12w-Pratt-KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N. Tyler Road
Wichita, KS 67212-3240

ATTN: Brent Reinhardt

7-29s-12w-Pratt-KS

Pride #5-7

Start Date: 2006.03.26 @ 18:12:27

End Date: 2006.03.27 @ 06:14:57

Job Ticket #: 24107 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Hummon Corporation

Pride #5-7

7-29s-12w-Pratt-KS

DST # 3

Arbuckle

2006.03.26



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24107 DST#: 3
Test Start: 2006.03.26 @ 18:12:27

GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:19:27
Time Test Ended: 06:14:57

Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 30

Interval: 4644.00 ft (KB) To 4658.00 ft (KB) (TVD)
Total Depth: 4658.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1899.00 ft (KB)
1894.00 ft (CF)
KB to GR/CF: 5.00 ft

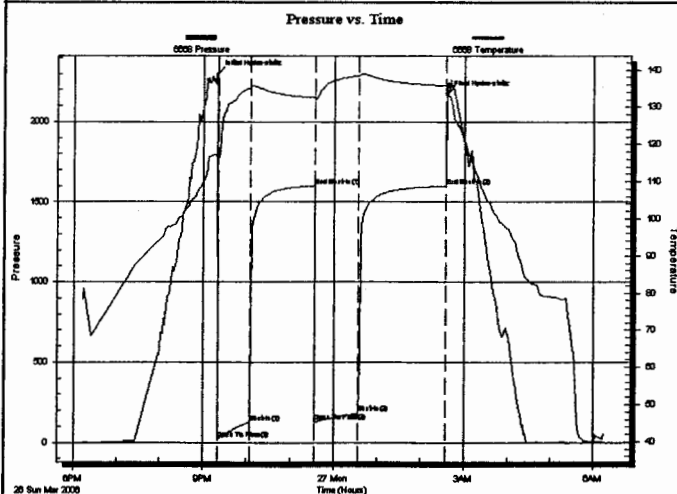
Serial #: 6668

Inside

Press@RunDepth: 180.74 psig @ 4645.00 ft (KB)
Start Date: 2006.03.26 End Date: 2006.03.27
Start Time: 18:12:28 End Time: 06:14:57

Capacity: 7000.00 psig
Last Calib.: 2006.03.27
Time On Btmr: 2006.03.26 @ 21:19:12
Time Off Btmr: 2006.03.27 @ 02:35:42

TEST COMMENT: IF: Very weak blow slightly increasing to 2.5" in bucket.
IS: Bled off, no blow back.
FF: Very weak blow building to 3.5" in bucket.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2298.97	116.23	Initial Hydro-static
1	20.89	115.90	Open To Flow (1)
45	124.98	135.27	Shut-In (1)
135	1601.94	132.63	End Shut-In (1)
135	127.00	132.01	Open To Flow (2)
195	180.74	138.46	Shut-In (2)
317	1599.92	135.78	End Shut-In (2)
317	2174.48	136.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
350.00	Slightly oil speck water. less than 1% oil	2.84
0.00	No gas in pipe.	0.00
0.00	RW= .17ohm@43degF=75000ppmChl	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

Pride #5-7

950 N. Tyler Road
Wichita, KS 67212-3240

7-29s-12w-Pratt-KS

Job Ticket: 24107

DST#: 3

ATTN: Brent Reinhardt

Test Start: 2006.03.26 @ 18:12:27

Tool Information

Drill Pipe:	Length: 4420.00 ft	Diameter: 3.80 inches	Volume: 62.00 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: 227.00 ft	Diameter: 2.25 inches	Volume: 1.12 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 63.12 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4644.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4627.00	
Hydraulic tool	5.00			4632.00	
Safety Joint	2.00			4634.00	
Packer	5.00			4639.00	22.00 Bottom Of Top Packer
Packer	5.00			4644.00	
Stubb	1.00			4645.00	
Recorder	0.00	6668	Inside	4645.00	
Perforations	10.00			4655.00	
Recorder	0.00	13266	Outside	4655.00	
Bullnose	3.00			4658.00	14.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation
950 N. Tyler Road
Wichita, KS 67212-3240
ATTN: Brent Reinhardt

Pride #5-7
7-29s-12w-Pratt-KS
Job Ticket: 24107 DST#: 3
Test Start: 2006.03.26 @ 18:12:27

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:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.59 in*	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	0.04 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
350.00	Slightly oil speck w water. less than 1% oil	2.842
0.00	No gas in pipe.	0.000
0.00	RW= 17ohm@43degF=75000ppmChl	0.000

Total Length: 350.00 ft Total Volume: 2.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

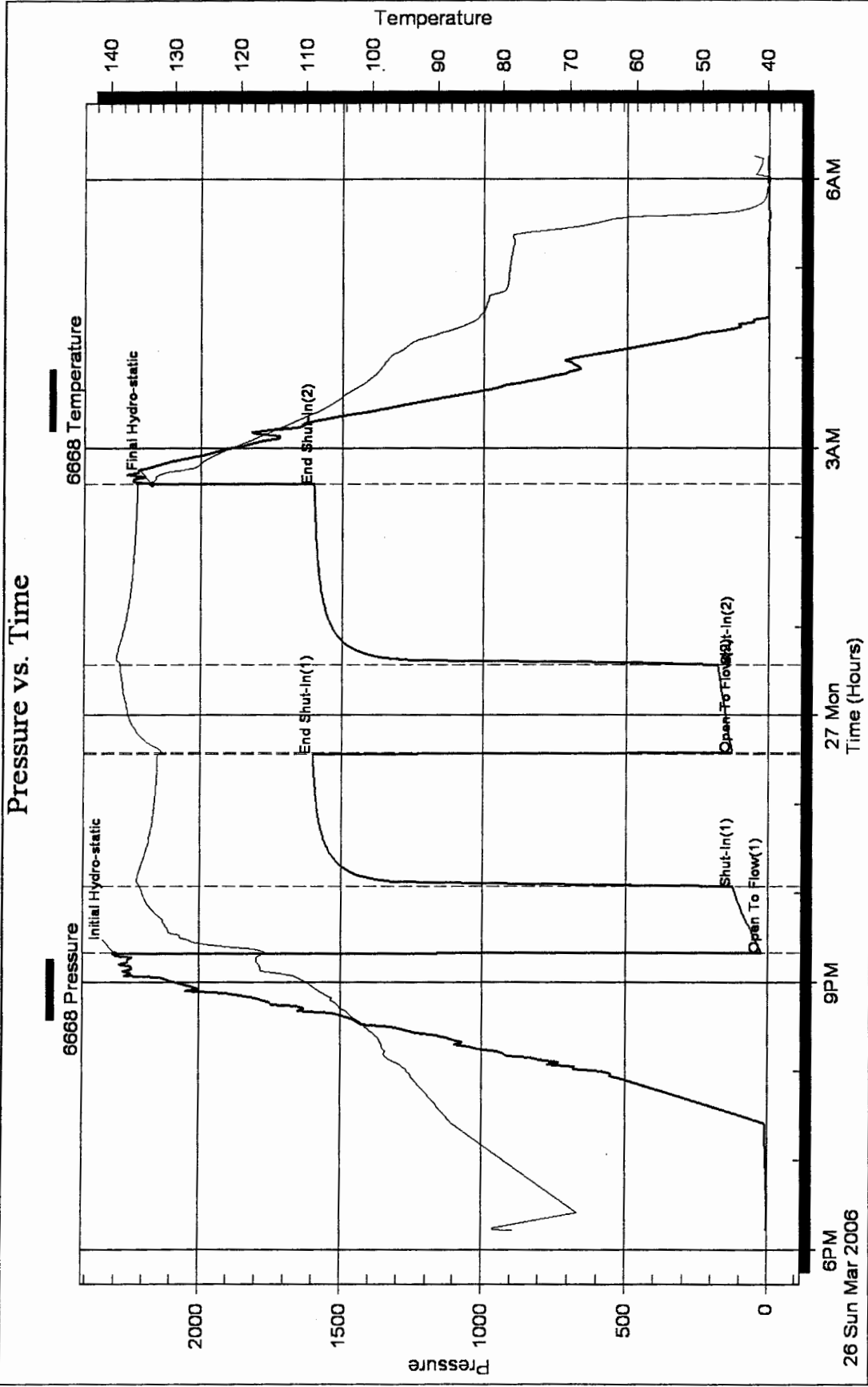
Inside

Hummon Corporation

7-29s-12w-Pratt-KS

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 24107

Printed: 2006.03.30 @ 10:16:53 Page 5

CHART PAGE

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

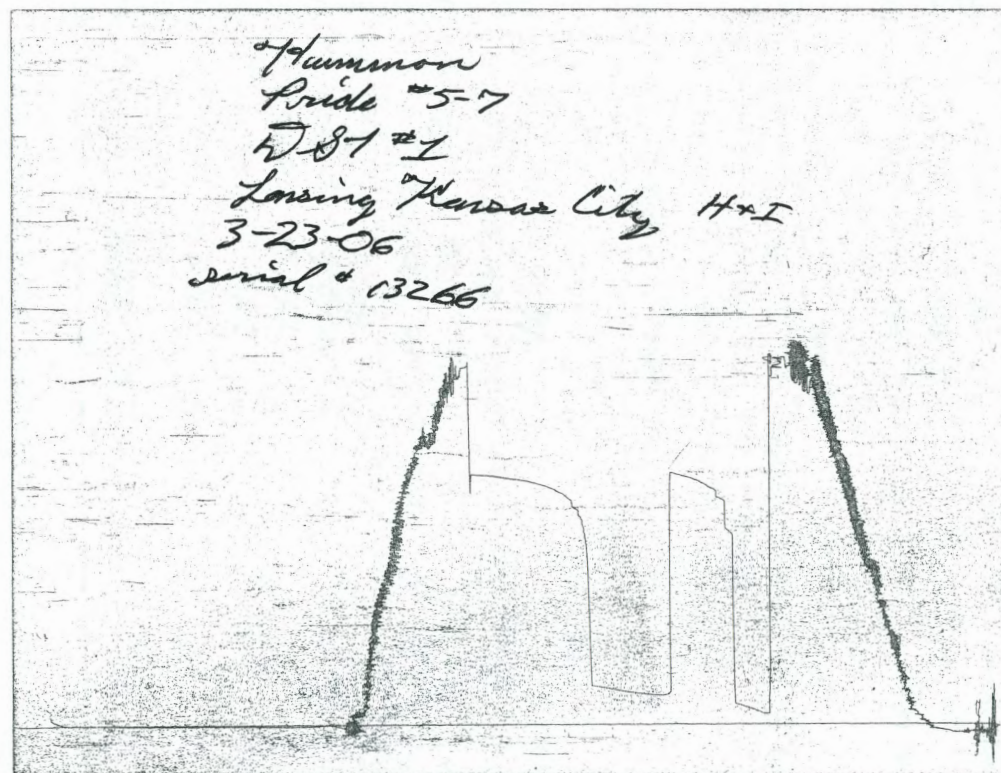


CHART PAGE

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

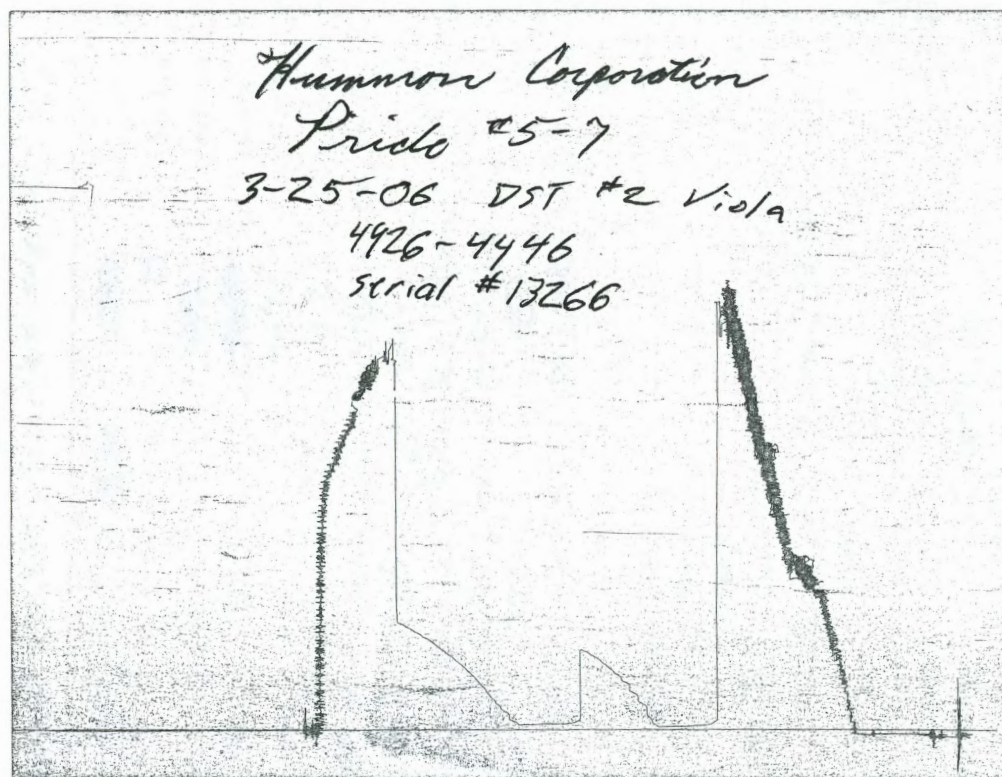


CHART PAGE

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

