

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway Ste 400 Oklahoma City,
OK 73114

ATTN: Ed Grieves

19-34-29 Meade

H.G. 2-19

Start Date: 2005.05.03 @ 02:53:48

End Date: 2005.05.03 @ 15:04:07

Job Ticket #: 22404 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

Raydon Exploration, Inc.

H.G. 2-19

9400 N. Broadway Ste 400 Oklahoma City, OK
73114

19-34-29 Meade

Job Ticket: 22404

DST#: 1

ATTN: Ed Grieves

Test Start: 2005.05.03 @ 02:53:48

GENERAL INFORMATION:

Formation: **Morrow**

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

Time Tool Opened: 07:13:08

Time Test Ended: 15:04:07

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 20

Interval: **5855.00 ft (KB) To 5870.00 ft (KB) (TVD)**

Total Depth: **5870.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **2553.00 ft (KB)**

2543.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6752 **Inside**

Press@RunDepth: **499.95 psig @ 5857.00 ft (KB)**

Start Date: **2005.05.03**

End Date:

2005.05.03

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **02:53:48**

End Time:

15:04:07

Time On Btm: **2005.05.03 @ 07:10:28**

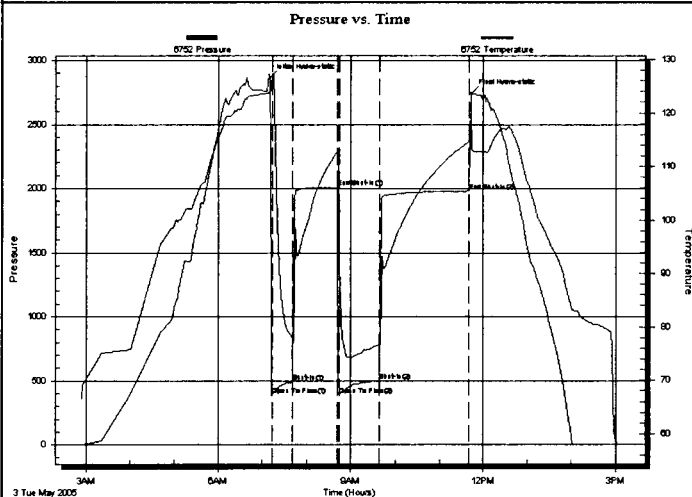
Time Off Btm: **2005.05.03 @ 11:43:48**

TEST COMMENT: **IF: BOB ASAO, GTS 5 min., strong building blow**

IS: No blow back

FF: BOB GTS ASAO, strong building blow

FS: No blow back



PRESSURE SUMMARY

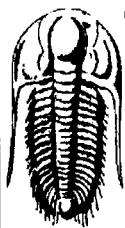
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2860.70	124.17	Initial Hydro-static
3	387.19	124.99	Open To Flow (1)
30	491.08	78.06	Shut-In(1)
91	2009.18	112.71	End Shut-In(1)
94	384.64	92.35	Open To Flow (2)
148	499.95	76.73	Shut-In(2)
270	1981.65	114.61	End Shut-In(2)
274	2743.86	114.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	5%G,5%O,10%W,80%M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	50.00	1851.42
Last Gas Rate	1.00	82.00	2771.39
Max. Gas Rate	1.00	82.00	2771.39



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.

H.G. 2-19

9400 N. Broadway Ste 400 Oklahoma City, OK
73114

19-34-29 Meade

Job Ticket: 22404

DST#: 1

ATTN: Ed Grieves

Test Start: 2005.05.03 @ 02:53:48

Tool Information

Drill Pipe:	Length: 5528.00 ft	Diameter: 3.80 inches	Volume: 77.54 bbl	Tool Weight: 2000.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 105000.0 lb
		Total Volume:	79.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 102000.0 lb
Depth to Top Packer:	5855.00 ft			Final 102000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 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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Change Over Sub	1.00			5829.00	
Shut In Tool	5.00			5834.00	
Hydraulic tool	5.00			5839.00	
Jars	5.00			5844.00	
Safety Joint	2.00			5846.00	
Packer	5.00			5851.00	27.00 Bottom Of Top Packer
Packer	4.00			5855.00	
Stubb	1.00			5856.00	
Perforations	1.00			5857.00	
Recorder	0.00	6752	Inside	5857.00	
Perforations	10.00			5867.00	
Recorder	0.00	13630	Inside	5867.00	
Bullnose	3.00			5870.00	15.00 Bottom Packers & Anchor

Total Tool Length: 42.00



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FLUID SUMMARY

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9400 N. Broadway Ste 400 Oklahoma City, OK
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19-34-29 Meade

Job Ticket: 22404

DST#: 1

ATTN: Ed Grieves

Test Start: 2005.05.03 @ 02:53:48

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:

22800 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	5%G,5%O,10%W,80%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

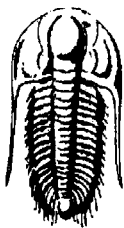
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW=.295@71F=22800



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DRILL STEM TEST REPORT

GAS RATES

Raydon Exploration, Inc.

H.G. 2-19

9400 N. Broadway Ste 400 Oklahoma City, OK
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19-34-29 Meade

Job Ticket: 22404

DST#: 1

ATTN: Ed Grieves

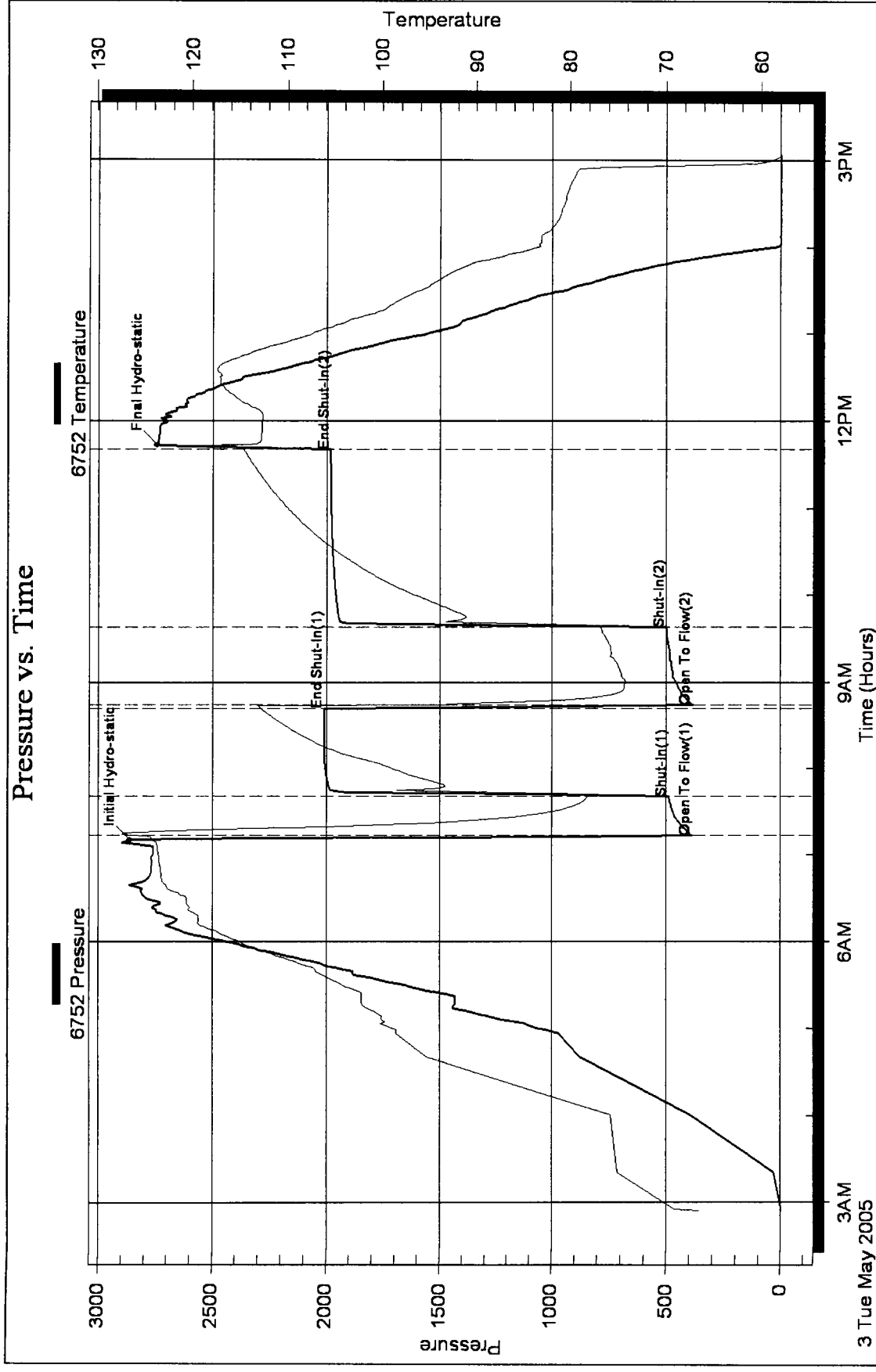
Test Start: 2005.05.03 @ 02:53:48

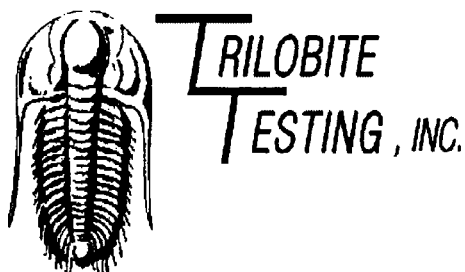
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	1.00	50.00	1851.42
1	10	1.00	50.00	1851.42
1	20	1.00	60.00	2138.91
1	30	1.00	65.00	2282.66
2	10	1.00	68.00	2368.90
2	20	1.00	72.00	2483.90
2	30	1.00	78.00	2656.39
2	40	1.00	80.00	2713.89
2	50	1.00	82.00	2771.39





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Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway Ste 400 Oklahoma City,
OK 73114

ATTN: Ed Grieves

19-34-29 Meade

H.G. 2-19

Start Date: 2005.05.04 @ 19:37:02

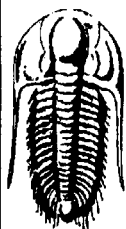
End Date: 2005.05.05 @ 06:17:32

Job Ticket #: 22405 DST #: 2

Trilobite Testing, Inc

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



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DRILL STEM TEST REPORT

Raydon Exploration, Inc.

H.G. 2-19

9400 N. Broadway Ste 400 Oklahoma City, OK
73114

19-34-29 Meade

Job Ticket: 22405

DST#: 2

ATTN: Ed Grieves

Test Start: 2005.05.04 @ 19:37:02

GENERAL INFORMATION:

Formation: **Upper Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:22:41

Time Test Ended: 06:17:32

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 20

Interval: 5920.00 ft (KB) To 5990.00 ft (KB) (TVD)

Total Depth: 5990.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2553.00 ft (KB)

2543.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6752 Inside

Press@RunDepth: 34.96 psig @ 5925.00 ft (KB)

Start Date: 2005.05.04

End Date:

2005.05.05

Start Time: 19:37:02

End Time:

06:17:32

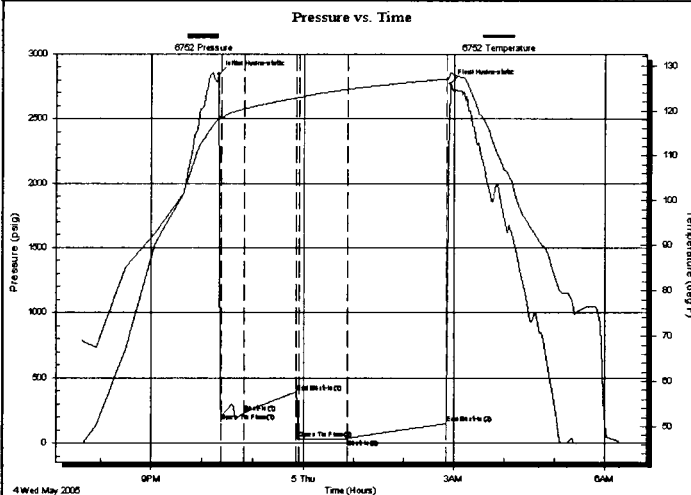
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2005.05.04 @ 22:19:22

Time Off Btm: 2005.05.05 @ 02:55:22

TEST COMMENT: IF: Weak surface blow, died in 20 min.
IS: No blow back
FF: Opened at 3 inches, died back to weak surface blow
FS: No blow back



PRESSURE SUMMARY

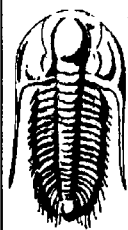
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2843.00	118.19	Initial Hydro-static
4	166.49	118.12	Open To Flow (1)
32	232.89	120.40	Shut-In(1)
92	390.05	122.77	End Shut-In(1)
95	28.72	122.82	Open To Flow (2)
154	34.96	124.71	Shut-In(2)
273	149.84	127.04	End Shut-In(2)
277	2772.12	128.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%Mud	0.15

Gas Rates

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

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H.G. 2-19

9400 N. Broadway Ste 400 Oklahoma City, OK
73114

19-34-29 Meade

Job Ticket: 22405

DST#: 2

ATTN: Ed Grieves

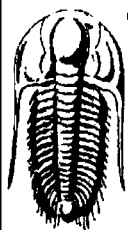
Test Start: 2005.05.04 @ 19:37:02

Tool Information

Drill Pipe:	Length: 5591.00 ft	Diameter: 3.80 inches	Volume: 78.43 bbl	Tool Weight:	2000.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 79.95 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	104000.0 lb
Depth to Top Packer:	5920.00 ft			Final	104000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	97.00 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			5894.00	
Shut In Tool	5.00			5899.00	
Hydraulic tool	5.00			5904.00	
Jars	5.00			5909.00	
Safety Joint	2.00			5911.00	
Packer	5.00			5916.00	27.00 Bottom Of Top Packer
Packer	4.00			5920.00	
Stubb	1.00			5921.00	
Perforations	3.00			5924.00	
Change Over Sub	1.00			5925.00	
Recorder	0.00	6752	Inside	5925.00	
Drill Pipe	61.00			5986.00	
Change Over Sub	1.00			5987.00	
Recorder	0.00	13630	Inside	5987.00	
Bullnose	3.00			5990.00	70.00 Bottom Packers & Anchor

Total Tool Length: 97.00



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Job Ticket: 22405

DST#: 2

ATTN: Ed Grieves

Test Start: 2005.05.04 @ 19:37:02

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:

3600 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100%Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=1.702@72F=3600ppm

Serial #: 6752

Inside

Raydon Exploration, Inc.

19-34-29 Meade

DST Test Number: 2

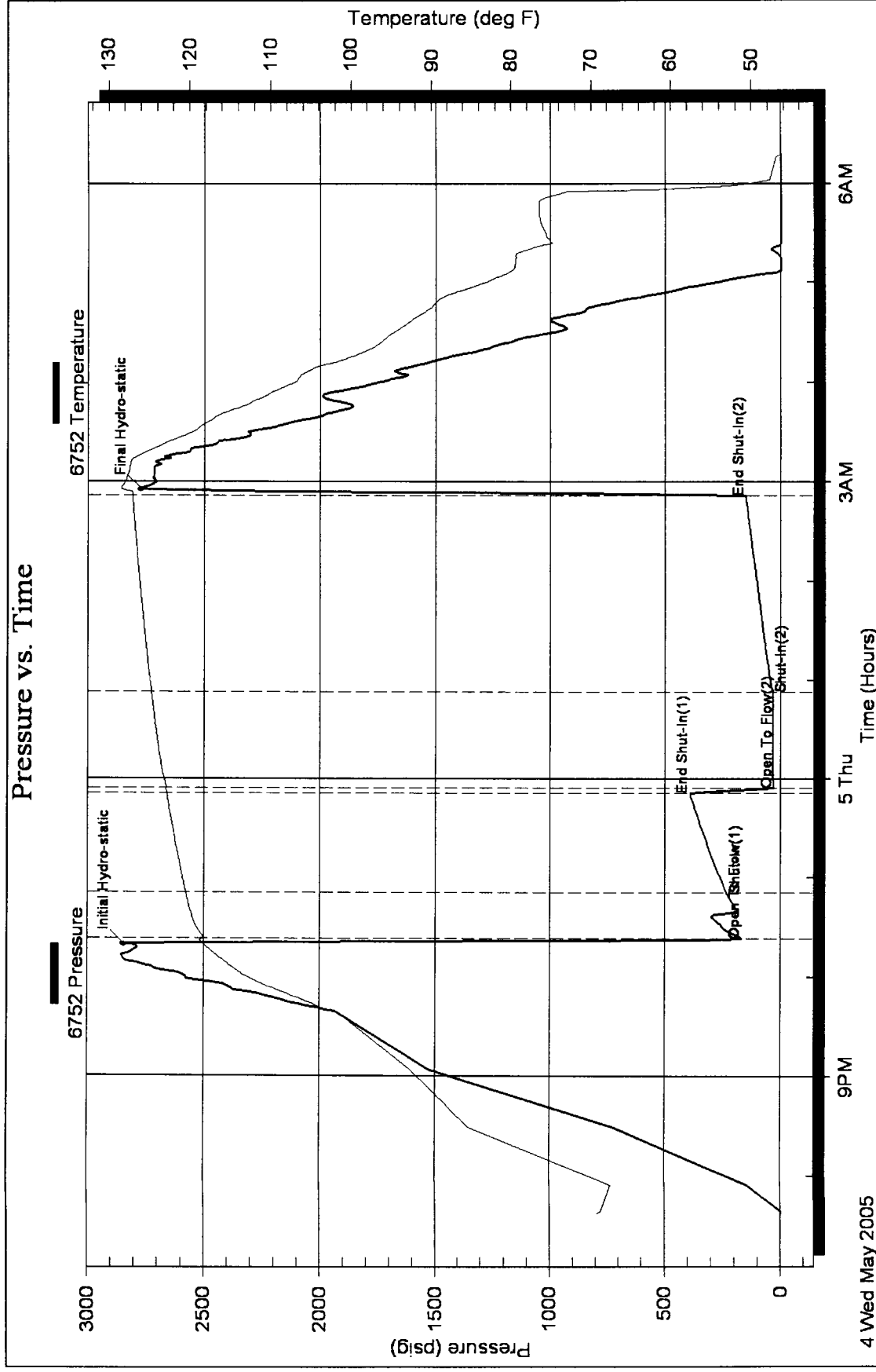


CHART PAGE

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

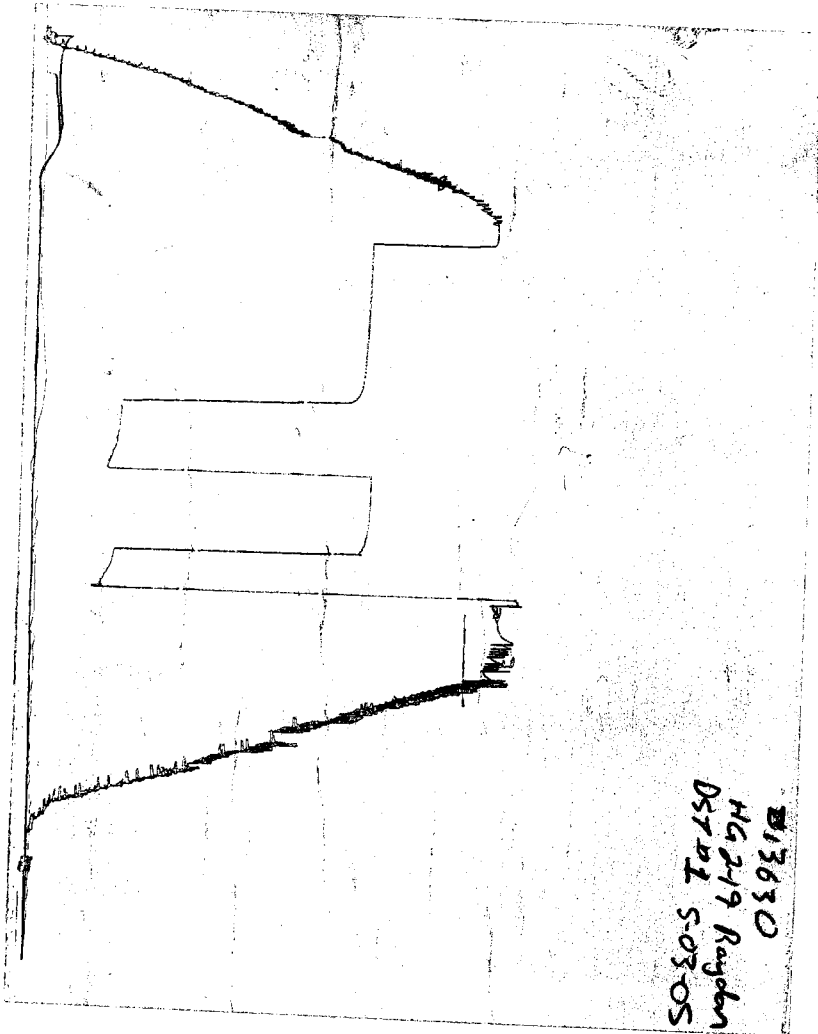


CHART PAGE

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

