

DRILL STEM TEST REPORT

Prepared For: **Herman L Loeb**

PO Box 524
Lawrenceville IL 62439

ATTN: Jon Christensen

26 32S 14W Barber KS

Hinz #2-26

Start Date: 2006.02.22 @ 12:19:07

End Date: 2006.02.22 @ 12:21:06

Job Ticket #: 27047 DST #: 1

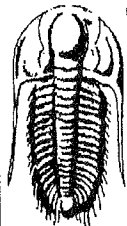
15-007-23112-00-00
NW

1230 FNL 1160 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb

Hinz #2-26

PO Box 524
Lawrenceville IL 62439

26 32S 14W Barber KS

ATTN: Jon Christensen

Job Ticket: 27047

DST#: 1

Test Start: 2006.02.22 @ 12:19:07

GENERAL INFORMATION:

Formation: **Mamaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 12:21:06

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: 4500.00 ft (KB) To 4553.00 ft (KB) (TVD)

Total Depth: 4553.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1808.00 ft (KB)

1798.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Press@RunDepth: psig @ ft (KB)

Start Date: 2006.02.22

End Date:

2006.02.22

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 12:19:07

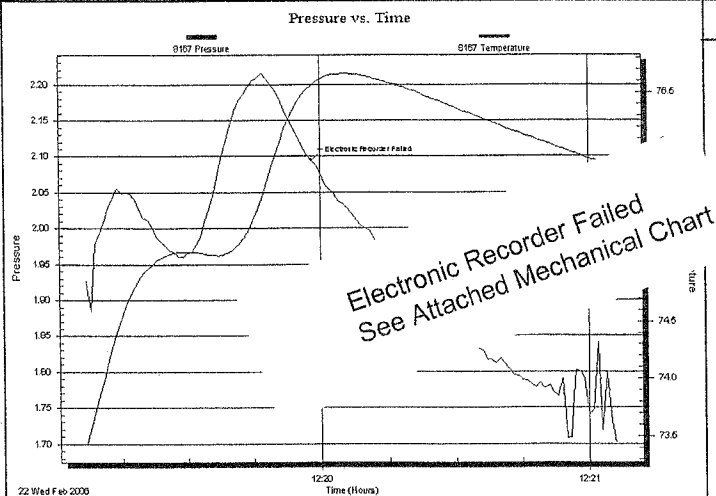
End Time:

12:21:06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Strong blow BOB in 12 min
ISI No blow
FF Strong blow BOB immediately
FSI No blow



PRESSURE SUMMARY

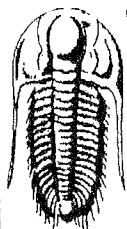
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.09	76.56	-- Electronic Recorder Failed

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSY OSM 5%G 95%M	0.84

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Herman L Loeb

Hinz #2-26

PO Box 524
Lawrenceville IL 62439

26 32S 14W Barber KS

Job Ticket: 27047

DST#: 1

ATTN: Jon Christensen

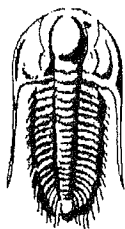
Test Start: 2006.02.22 @ 12:19:07

Tool Information

Drill Pipe:	Length: 4482.00 ft	Diameter: 3.80 inches	Volume: 62.87 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume: 62.87 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4500.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	80.00 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			4474.00	
Shut In Tool	5.00			4479.00	
Hydraulic tool	5.00			4484.00	
Jars	5.00			4489.00	
Safety Joint	2.00			4491.00	
Packer	4.00			4495.00	27.00 Bottom Of Top Packer
Packer	5.00			4500.00	
Stubb	1.00			4501.00	
Perforations	5.00			4506.00	
Change Over Sub	1.00			4507.00	
Recorder	0.00	8290	Inside	4507.00	
Blank Spacing	31.00			4538.00	
Perforations	10.00			4548.00	
Recorder	0.00	13789	Outside	4548.00	
Bullnose	5.00			4553.00	53.00 Bottom Packers & Anchor

Total Tool Length: 80.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L. Loeb

Hinz #2-26

PO Box 524
Lawrenceville IL 62439

26 32S 14W Barber KS

Job Ticket: 27047

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.02.22 @ 12:19:07

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: 68.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GSY OSM 5%G 95%M	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

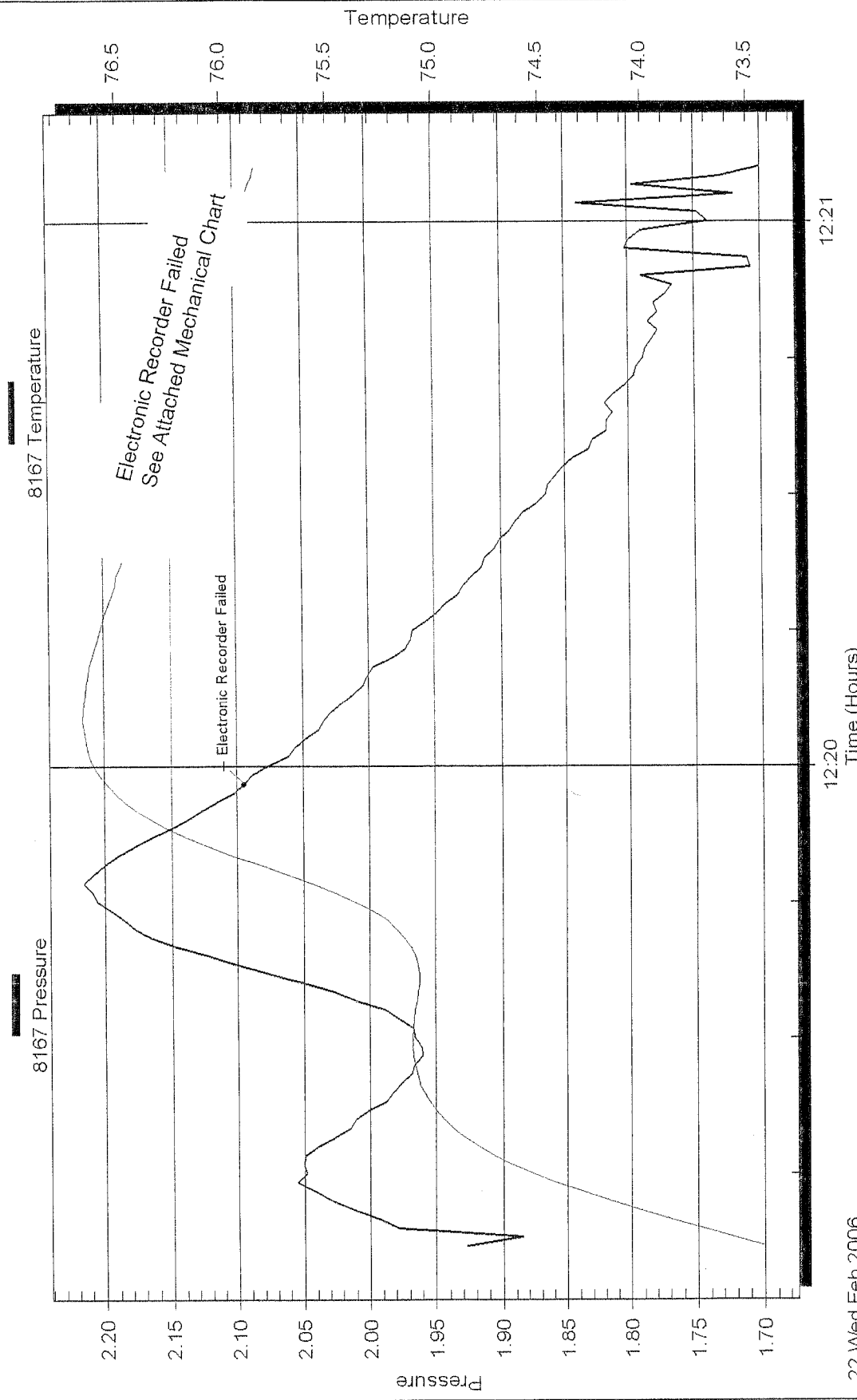
Serial #:

Laboratory Name:

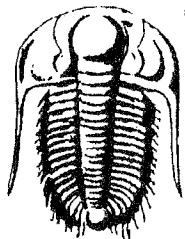
Laboratory Location:

Recovery Comments:

Pressure vs. Time



22 Wed Feb 2006



TRILOBITE
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DRILL STEM TEST REPORT

Herman L Loeb

PO Box 524

Lawrenceville IL 62439

Well name#: Hinz #2-26
Location#: 26 32S 14W Barber KS

Date: 2/2/2007
Ticket #: 27047
DST#: 1

Recorder #: 13789

Pressure Summary: Time:(min)

Initial Hydro-static: 2294.19

Open to Flow (1): 39.53 15

Shut-in (1): 39.53 45

End Shut-in (1): 537.21

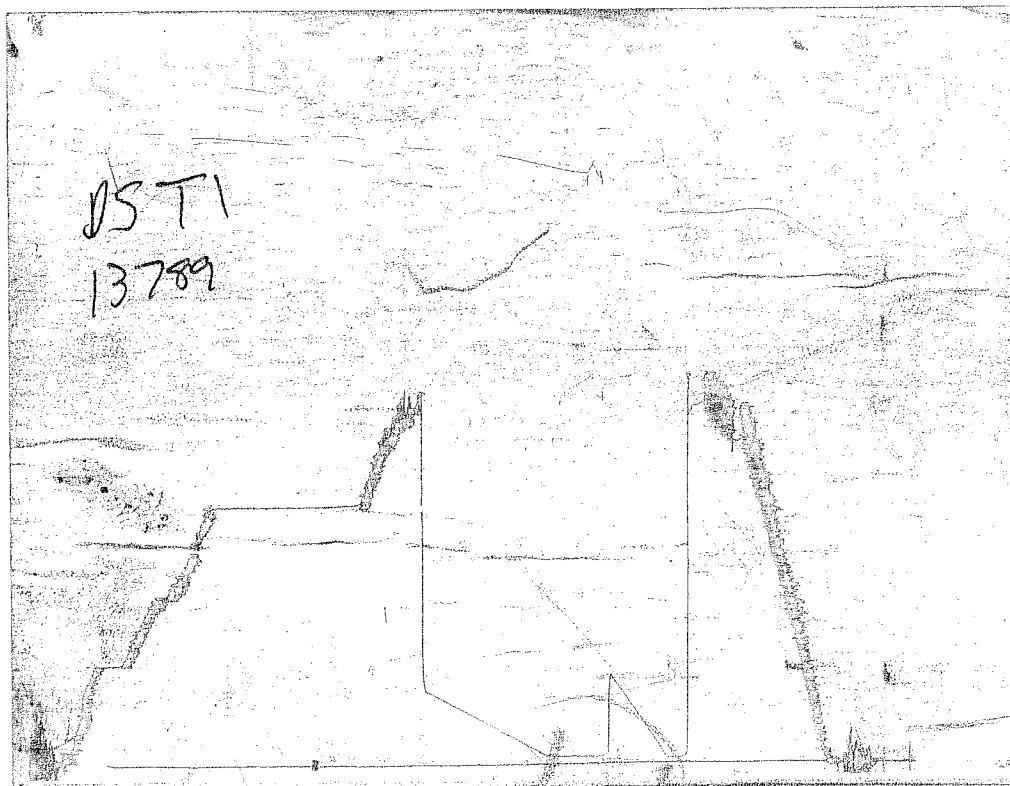
Open to Flow (2): 45.35 45

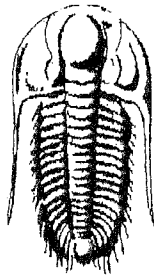
Shut-in (2): 45.35 90

End Shut-in (2): 441.86

Final Hydro-static: 2229.07

Electronic Recorder Failed
See Attached Mechanical Chart





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DRILL STEM TEST REPORT

Prepared For: **Herman L Loeb**

PO Box 524
Lawrenceville IL 62439

ATTN: Jon Christensen

26 32S 14W Barber KS

Hinz #2-26

Start Date: 2007.02.04 @ 23:03:02

End Date: 2007.02.05 @ 07:48:32

Job Ticket #: 27080 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Herman L Loeb

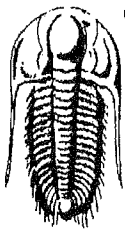
Hinz #2-26

26 32S 14W Barber KS

DST # 2

Viola

2007.02.04



TRILOBITE
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DRILL STEM TEST REPORT

Herman L Loeb

Hinz #2-26

PO Box 524
Lawrenceville IL 62439

26 32S 14W Barber KS

Job Ticket: 27080

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.02.04 @ 23:03:02

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:34:32

Time Test Ended: 07:48:32

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4854.00 ft (KB) To 4876.00 ft (KB) (TVD)**

Total Depth: 4876.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1808.00 ft (KB)

1798.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6668

Inside

Press@RunDepth: 23.80 psig @ 4854.00 ft (KB)

Start Date: 2007.02.04

End Date:

2007.02.05

Start Time: 23:03:07

End Time:

07:48:32

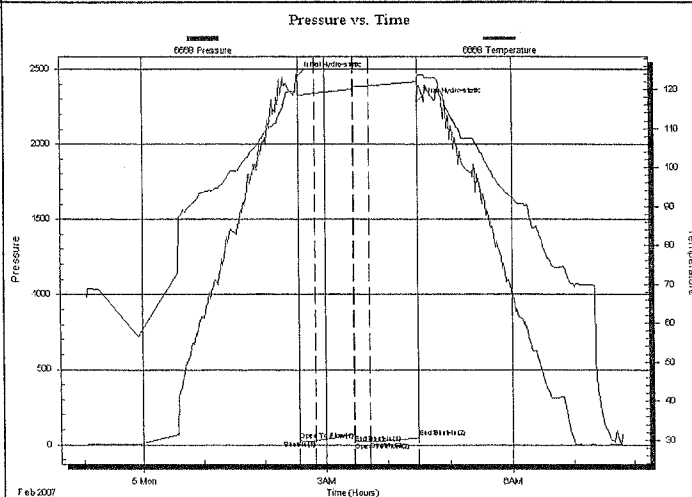
Capacity: 7000.00 psig

Last Calib.: 2007.02.05

Time On Btm: 2007.02.05 @ 02:34:17

Time Off Btm: 2007.02.05 @ 04:29:31

TEST COMMENT: IF Weak blow Building to 1 " in 15 mins.
ISI Bled off No blow back
FF Weak blow Building to 1 " in 15 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

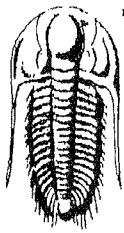
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.41	119.26	Initial Hydro-static
1	30.80	118.64	Open To Flow (1)
16	28.27	118.99	Shut-In(1)
53	70.69	120.05	End Shut-In(1)
54	19.09	120.07	Open To Flow (2)
69	23.80	120.91	Shut-In(2)
115	47.56	121.99	End Shut-In(2)
116	2282.91	123.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

Herman L. Loeb

Hinz #2-26

PO Box 524
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26 32S 14W Barber KS

Job Ticket: 27080

DST#: 2

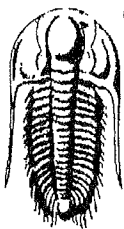
ATTN: Jon Christensen

Test Start: 2007.02.04 @ 23:03:02

Tool Information

Drill Pipe:	Length: 4852.00 ft	Diameter: 3.80 inches	Volume: 68.06 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	68.06 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	4854.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	50.00 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			4831.00	
Hydraulic tool	5.00			4836.00	
Jars	5.00			4841.00	
Safety Joint	3.00			4844.00	
Packer	5.00			4849.00	28.00 Bottom Of Top Packer
Packer	5.00			4854.00	
Recorder	0.00	6668	Inside	4854.00	
Perforations	20.00			4874.00	
Recorder	0.00	13266	Outside	4874.00	
Bullnose	2.00			4876.00	22.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



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Job Ticket: 27080

DST#: 2

ATTN: Jon Christensen

Test Start: 2007.02.04 @ 23:03:02

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:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

