

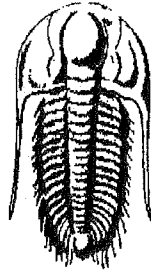
15-135-24482

2-17s-25w

KCC

AUG 11 2006

CONFIDENTIAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352
Russell KS 67665

ATTN: John O Farmer Inc

2 17 25 Ness KS

Mishler B #1

Start Date: 2006.04.24 @ 10:10:20

End Date: 2006.04.24 @ 17:43:29

Job Ticket #: 24721 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John O Farmer Inc

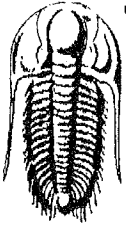
Mishler B #1

2 17 25 Ness KS

DST # 1

Ft Scott

2006.04.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 24721

DST#: 1

ATTN: John O Farmer Inc

Test Start: 2006.04.24 @ 10:10:20

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:55:00

Time Test Ended: 17:43:29

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **4296.00 ft (KB) To 4340.00 ft (KB) (TVD)**

Total Depth: 4340.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2440.00 ft (KB)

2432.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 404.96 psig @ 4297.00 ft (KB)

Start Date: 2006.04.24

End Date:

2006.04.24

Capacity: 7000.00 psig

Last Calib.: 2006.04.24

Start Time: 10:10:20

End Time:

17:43:29

Time On Btm: 2006.04.24 @ 11:54:45

Time Off Btm: 2006.04.24 @ 15:01:00

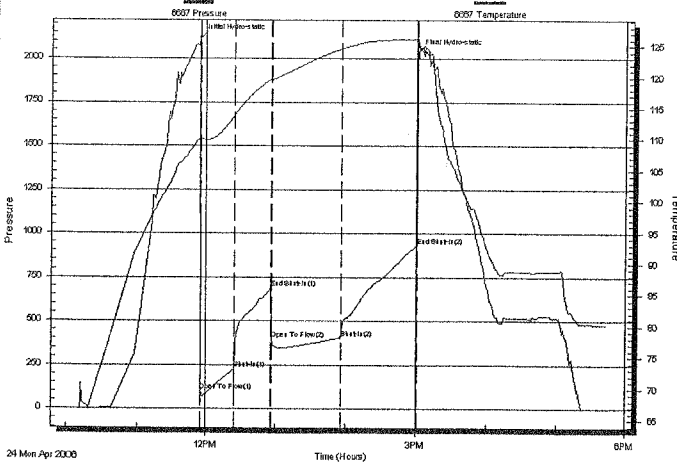
TEST COMMENT: BOB in 1"

Return blow built to BOB in 4"

BOB in 3" GTS in 25 to weak to gauge

Return blow built to BOB in 4"

Pressure vs. Time



PRESSURE SUMMARY

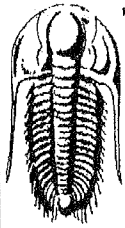
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.53	110.43	Initial Hydro-static
1	99.17	110.00	Open To Flow (1)
30	226.24	113.79	Shut-In(1)
62	686.66	119.73	End Shut-In(1)
62	397.31	119.64	Open To Flow (2)
121	404.96	124.53	Shut-In(2)
186	928.78	126.07	End Shut-In(2)
187	2030.36	126.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCGO 35%M 20%G 45%O	1.41
934.00	CGO 25%G 75%O [reversed out]	13.10
62.00	CGO 25%G 75%O	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 24721

DST#: 1

ATTN: John O Farmer Inc

Test Start: 2006.04.24 @ 10:10:20

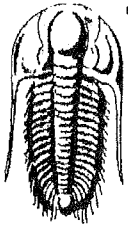
Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.80 inches	Volume: 59.78 bbl	Tool Weight: 1500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4296.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 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			4277.00	
Shut In Tool	5.00			4282.00	
Hydraulic tool	5.00			4287.00	
Packer	5.00		Fluid	4292.00	20.00 Bottom Of Top Packer
Packer	4.00			4296.00	
Stubb	1.00			4297.00	
Recorder	0.00	6667	Inside	4297.00	
Perforations	5.00			4302.00	
Change Over Sub	1.00			4303.00	
Drill Pipe	31.00			4334.00	
Change Over Sub	1.00			4335.00	
Recorder	0.00	11058	Inside	4335.00	
Bullnose	5.00			4340.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 24721

DST#: 1

ATTN: John O Farmer Inc

Test Start: 2006.04.24 @ 10:10:20

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.95 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCOG 35%M 20%G 45%O	1.410
934.00	CGO 25%G 75%O [reversed out]	13.102
62.00	CGO 25%G 75%O	0.870

Total Length: 1116.00 ft Total Volume: 15.382 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

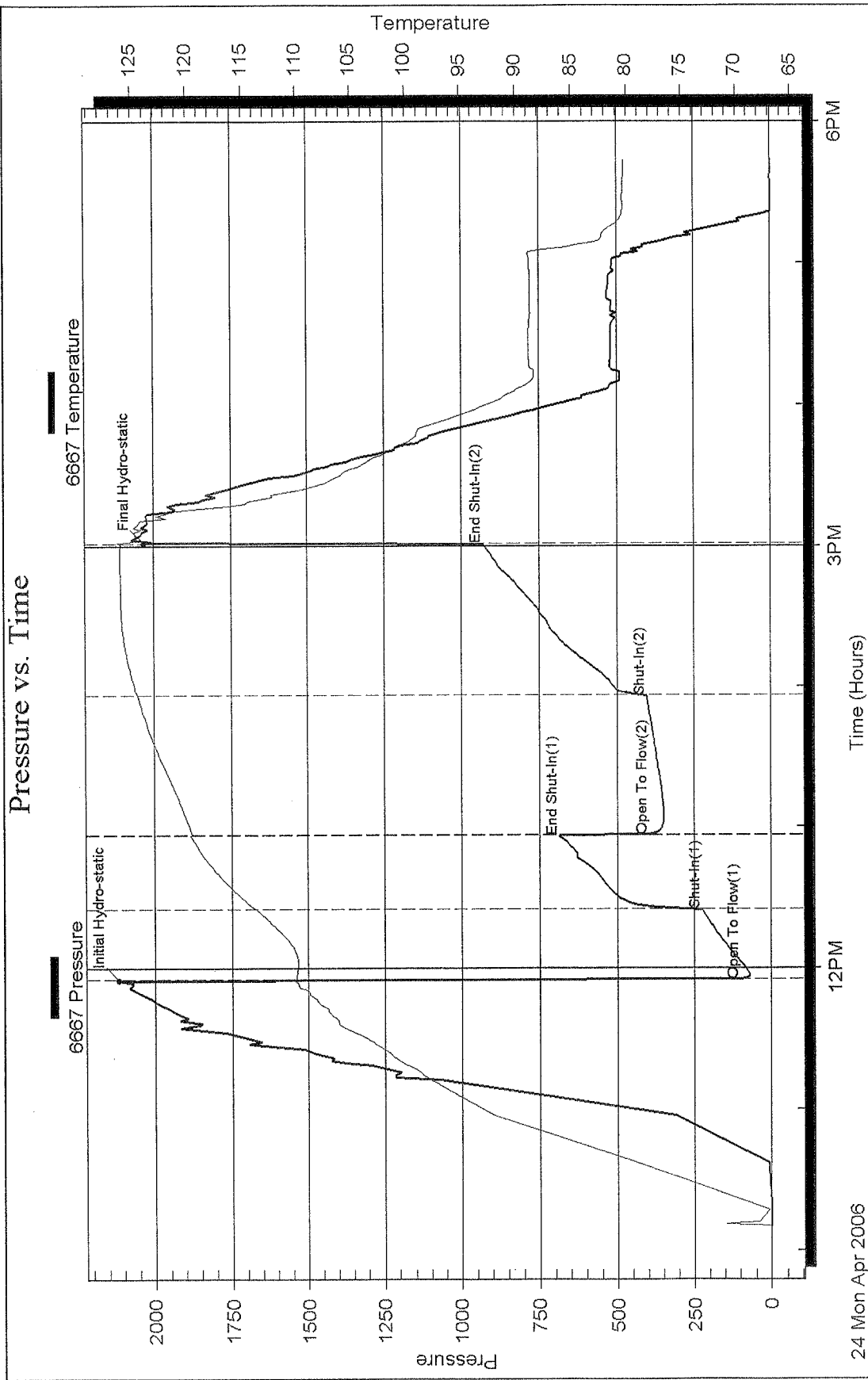
Serial #: 6667

Inside

John O Farmer Inc

2 17 25 Ness KS

DST Test Number: 1

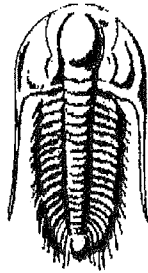


24 Mon Apr 2006

Trilobite Testing, Inc

Ref. No: 24721

Printed: 2006.05.03 @ 11:13:36 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

PO Box 352
Russell KS 67665

ATTN: John O Farmer Inc

2 17 25 Ness KS

Mishler B #1

Start Date: 2006.04.25 @ 05:35:00

End Date: 2006.04.25 @ 12:03:00

Job Ticket #: 23249 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John O Farmer Inc

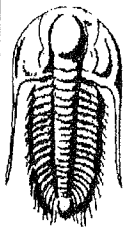
Mishler B #1

2 17 25 Ness KS

DST # 2

Mississippian

2006.04.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 23249

DST#: 2

ATTN: John O Farmer Inc

Test Start: 2006.04.25 @ 05:35:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:58:00

Time Test Ended: 12:03:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **4371.00 ft (KB) To 4423.00 ft (KB) (TVD)**

Total Depth: 4423.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2440.00 ft (KB)

2432.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: psig @ 4418.00 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:

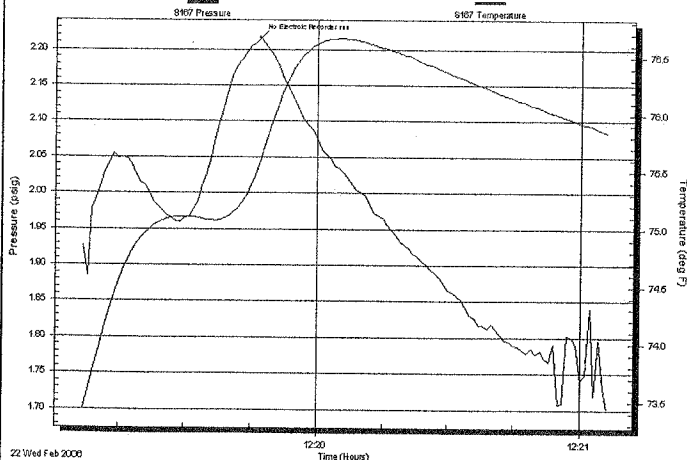
12:21:06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF BOB @ 15" over 30"
IS Weak return died @ 8" over 30"
FF BOB @ 21" over 60"
FS No return over 60"

Pressure vs. Time



PRESSURE SUMMARY

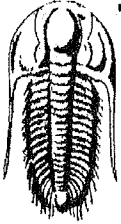
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.22	75.59	No Electric Recorder run

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOMCW 2%G 8%O 25%M 65%W	1.47
279.00	GOWCM 20%G 10%O 15%W 55%M	3.91
216.00	GO 5%G 95%O	3.03
93.00	FO 100%O	1.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 23249

DST#: 2

ATTN: John O Farmer Inc

Test Start: 2006.04.25 @ 05:35:00

Tool Information

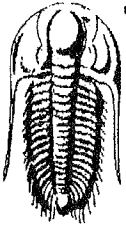
Drill Pipe:	Length: 4325.00 ft	Diameter: 3.80 inches	Volume: 60.67 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 60.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4371.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

No Electronic Recorder Ran on Test
see attached sheet

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4352.00	
Shut In Tool	5.00			4357.00	
Hydraulic tool	5.00			4362.00	
Packer	5.00			4367.00	20.00 Bottom Of Top Packer
Packer	4.00			4371.00	
Stubb	1.00			4372.00	
Perforations	3.00			4375.00	
Recorder	0.00	13309	Inside	4375.00	
Perforations	11.00			4386.00	
Change Over Sub	1.00			4387.00	
Anchor	30.00			4417.00	
Change Over Sub	1.00			4418.00	
Recorder	0.00	8167	Inside	4418.00	
Bullnose	5.00			4423.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Inc

Mishler B #1

PO Box 352
Russell KS 67665

2 17 25 Ness KS

Job Ticket: 23249

DST#: 2

ATTN: John O Farmer Inc

Test Start: 2006.04.25 @ 05:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GOMCW 2%G 8%O 25%M 65%W	1.466
279.00	GOWCM 20%G 10%O 15%W 55%M	3.914
216.00	GO 5%G 95%O	3.030
93.00	FO 100%O	1.305

Total Length: 712.00 ft Total Volume: 9.715 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API of 37 @ 60 degree F = 37

RW: .590 @ 55 degree F = 14,000

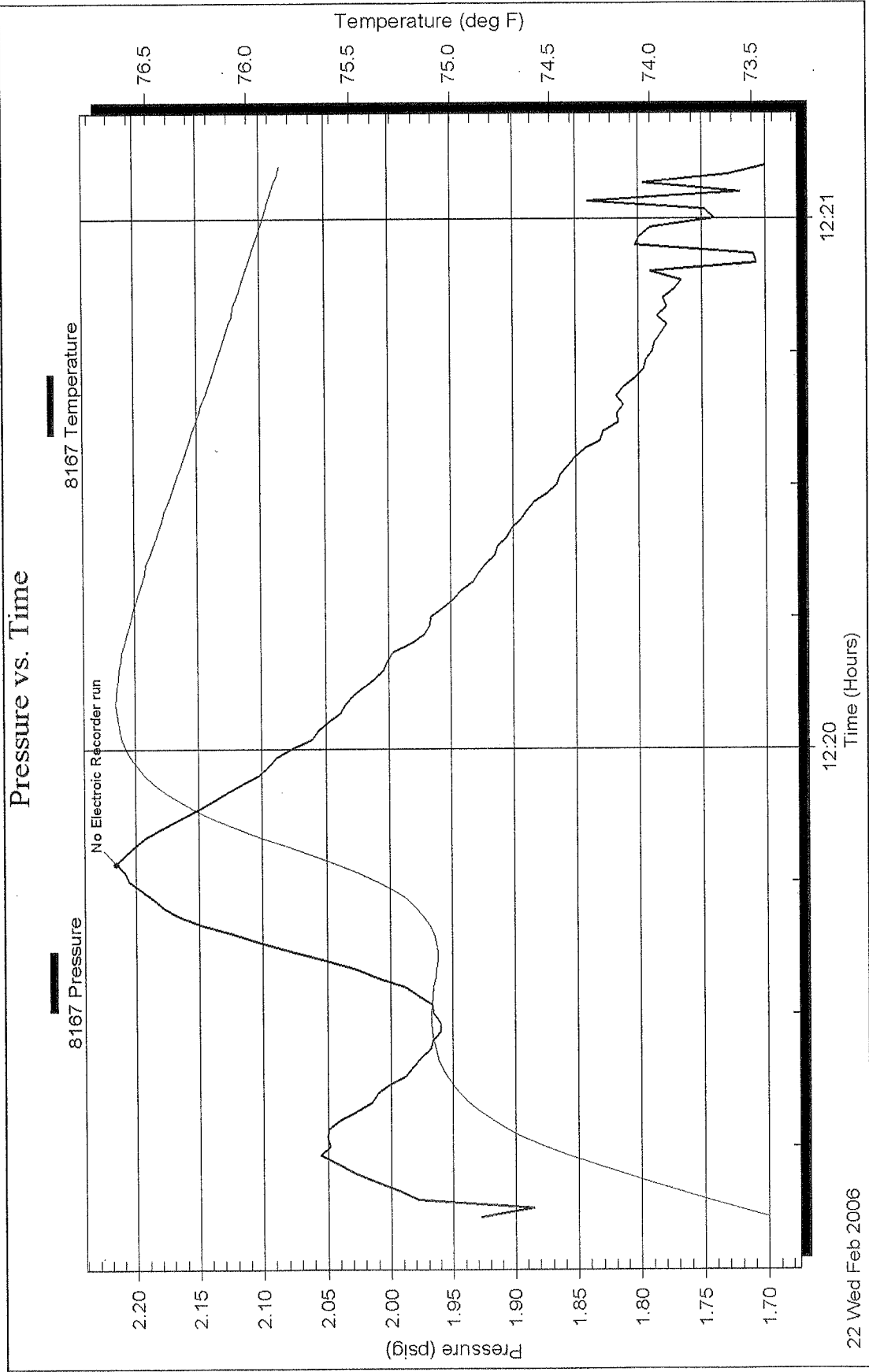
Serial #: 8167

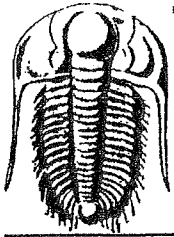
Inside

John O Farmer Inc

2 17 25 Ness KS

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT
John O Farmer, Inc.
PO Box 352
Russell KS 67665

Well name:	Mishler B-1	Date:	4/25/2006
Location:	2-17S-25W / Ness Co Kansas	Ticket #:	23249
		DST#	2

Recorder #:	13309	
Pressure Summary:	Time:(min)	
Initial Hydro-static:	2065	
Open to Flow (1):	58	30
Shut-in (1):	94	30
End Shut-in (1):	889	
Open to Flow (2):	212	60
Shut-in (2):	271	60
End Shut-in (2):	818	
Final Hydro-static:	2042	

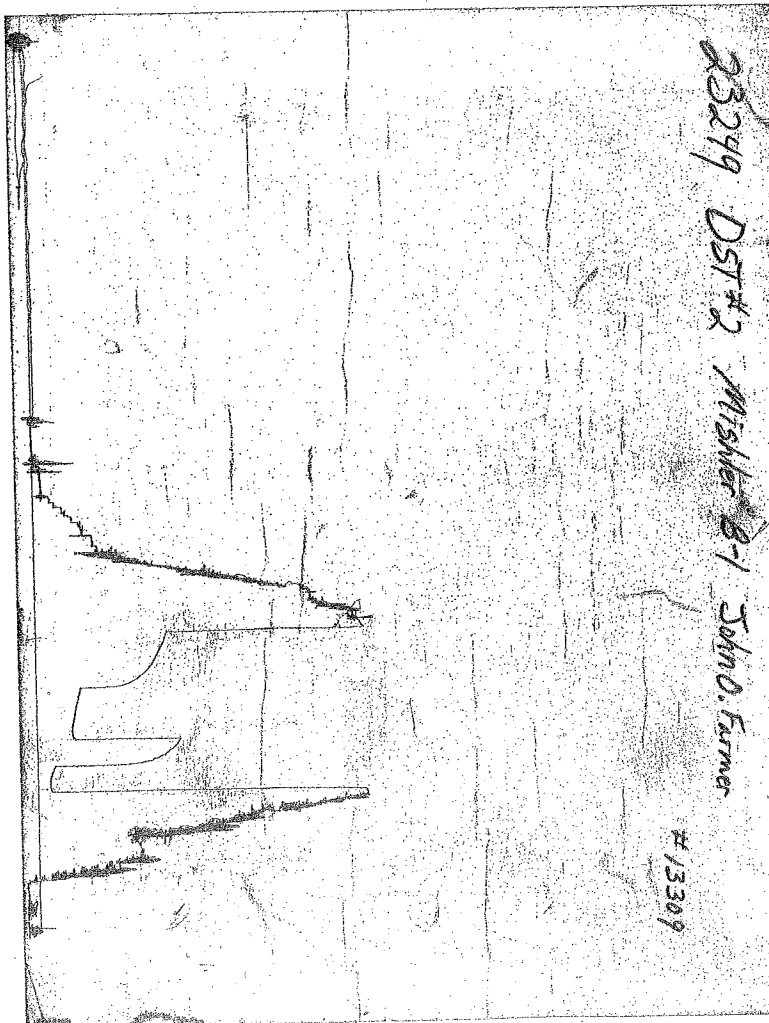


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

CHART PAGE

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

