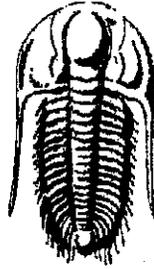


15-185-23514



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **JW Williamson Oil Co**

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

24 23 14 Stafford K

Bartlett #1

Start Date: 2008.04.01 @ 23:24:27

End Date: 2008.04.02 @ 08:03:57

Job Ticket #: 29876 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 23 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

JW Williamson Oil Co

Bartlett #1

24 23 14 Stafford K

DST # 1

Lansing B, D, F

2008.04.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

JW Williamson Oil Co

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

Bartlett #1

24 23 14 Stafford K

Job Ticket: 29876

DST#: 1

Test Start: 2008.04.01 @ 23:24:27

GENERAL INFORMATION:

Formation: **Lansing B, D, F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:33:27

Time Test Ended: 08:03:57

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **3571.00 ft (KB) To 3636.00 ft (KB) (TVD)**

Total Depth: 3636.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1946.00 ft (KB)

1937.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8370

Inside

Press@RunDepth: 86.43 psig @ 3572.00 ft (KB)

Start Date: 2008.04.01

End Date: 2008.04.02

Start Time: 23:24:32

End Time: 08:03:57

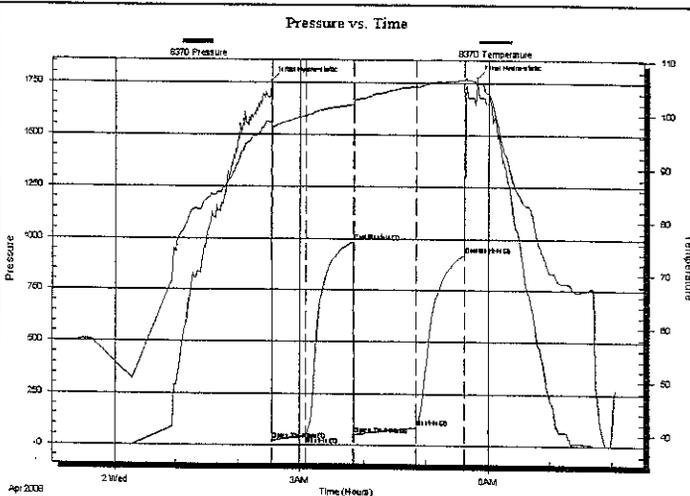
Capacity: 7000.00 psig

Last Calib.: 2008.04.02

Time On Btm: 2008.04.02 @ 02:32:27

Time Off Btm: 2008.04.02 @ 05:49:42

TEST COMMENT: IF Weak blow No more than 1 "
ISI No blow
FF Weak blow No more than 1 "
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1758.19	98.62	Initial Hydro-static
1	21.89	97.32	Open To Flow (1)
33	41.63	99.86	Shut-In(1)
78	985.51	102.00	End Shut-In(1)
79	50.17	101.62	Open To Flow (2)
139	86.43	105.34	Shut-In(2)
186	926.37	106.58	End Shut-In(2)
198	1772.92	105.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
150.00	DMw/O specs	0.74

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29876

DST#: 1

ATTN: Jeff Burk

Test Start: 2008.04.01 @ 23:24:27

Tool Information

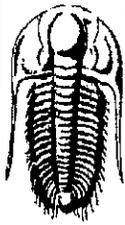
Drill Pipe:	Length: 3387.00 ft	Diameter: 3.80 inches	Volume: 47.51 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 173.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3571.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3545.00	
Shut In Tool	5.00			3550.00	
Hydraulic tool	5.00			3555.00	
Jars	5.00			3560.00	
Safety Joint	2.00			3562.00	
Packer	4.00			3566.00	27.00 Bottom Of Top Packer
Packer	5.00			3571.00	
Stubb	1.00			3572.00	
Recorder	0.00	8370	Inside	3572.00	
Recorder	0.00	8289	Inside	3572.00	
Perforations	25.00			3597.00	
Change Over Sub	1.00			3598.00	
Blank Spacing	32.00			3630.00	
Change Over Sub	1.00			3631.00	
Bullnose	5.00			3636.00	65.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29876

DST#: 1

ATTN: Jeff Burk

Test Start: 2008.04.01 @ 23:24:27

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 11.15 in³

Resistivity: 0.00 ohm.m

Salinity: 4200.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	DMw/O specs	0.738

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

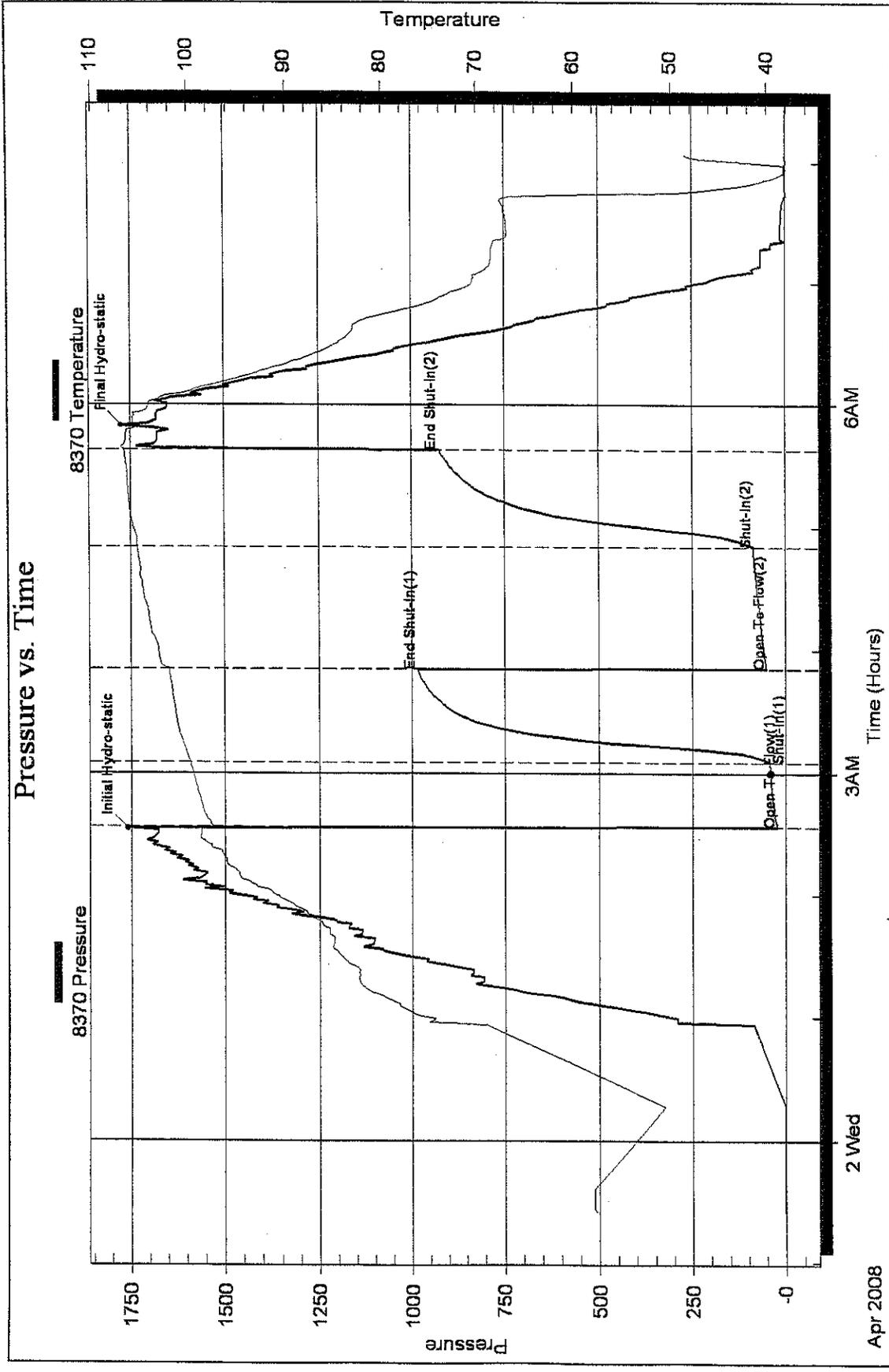
Serial #:

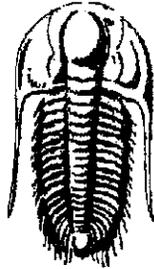
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **JW Williamson Oil Co**

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

24 23 14 Stafford K

Bartlett #1

Start Date: 2008.04.02 @ 16:43:29

End Date: 2008.04.03 @ 01:04:44

Job Ticket #: 29877 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

JW Williamson Oil Co

Bartlett #1

24 23 14 Stafford K

DST # 2

Lansing H

2008.04.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

JW Williamson Oil Co

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

Bartlett #1

24 23 14 Stafford K

Job Ticket: 29877

DST#: 2

Test Start: 2008.04.02 @ 16:43:29

GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:57:14

Time Test Ended: 01:04:44

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **3678.00 ft (KB) To 3694.00 ft (KB) (TVD)**

Total Depth: 3694.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1946.00 ft (KB)

1937.00 ft (CF)

KB to GRVCF: 9.00 ft

Serial #: 8370

Inside

Press@RunDepth: 16.77 psig @ 3679.00 ft (KB)

Start Date: 2008.04.02

End Date: 2008.04.03

Start Time: 16:43:34

End Time: 00:04:43

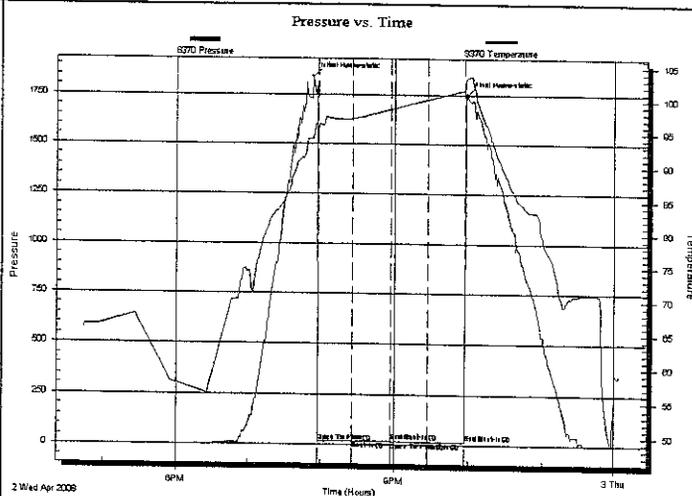
Capacity: 7000.00 psig

Last Callb.: 2008.04.03

Time On Btm: 2008.04.02 @ 19:53:14

Time Off Btm: 2008.04.02 @ 21:58:14

TEST COMMENT: IF No blow flushed tool at 5 min. in but still no blow
ISI No blow
FF No blow
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1839.67	94.15	Initial Hydro-static
4	17.06	95.63	Open To Flow (1)
33	17.75	97.29	Shut-In(1)
64	18.62	98.69	End Shut-In(1)
64	16.91	98.71	Open To Flow (2)
93	16.77	100.17	Shut-In(2)
124	16.92	101.58	End Shut-In(2)
125	1749.26	103.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

JW Williamson Oil Co
1668 Lawrence Ct
Wichita KS 67206
ATTN: Jeff Burk

Bartlett #1
24 23 14 Stafford K
Job Ticket: 29877 **DST#: 2**
Test Start: 2008.04.02 @ 16:43:29

Tool Information

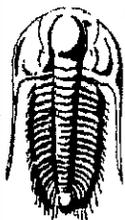
Drill Pipe:	Length: 3484.00 ft	Diameter: 3.80 inches	Volume: 48.87 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 173.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3678.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3652.00	
Shut In Tool	5.00			3657.00	
Hydraulic tool	5.00			3662.00	
Jars	5.00			3667.00	
Safety Joint	2.00			3669.00	
Packer	4.00			3673.00	27.00 Bottom Of Top Packer
Packer	5.00			3678.00	
Stubb	1.00			3679.00	
Recorder	0.00	8370	Inside	3679.00	
Recorder	0.00	8289	Inside	3679.00	
Perforations	10.00			3689.00	
Bullnose	5.00			3694.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

ATTN: Jeff Burk

Job Ticket: 29877

DST#: 2

Test Start: 2008.04.02 @ 16:43:29

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 11.95 in³

Resistivity: 0.00 ohm.m

Salinity: 9500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DM	0.025

Total Length: 5.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8370

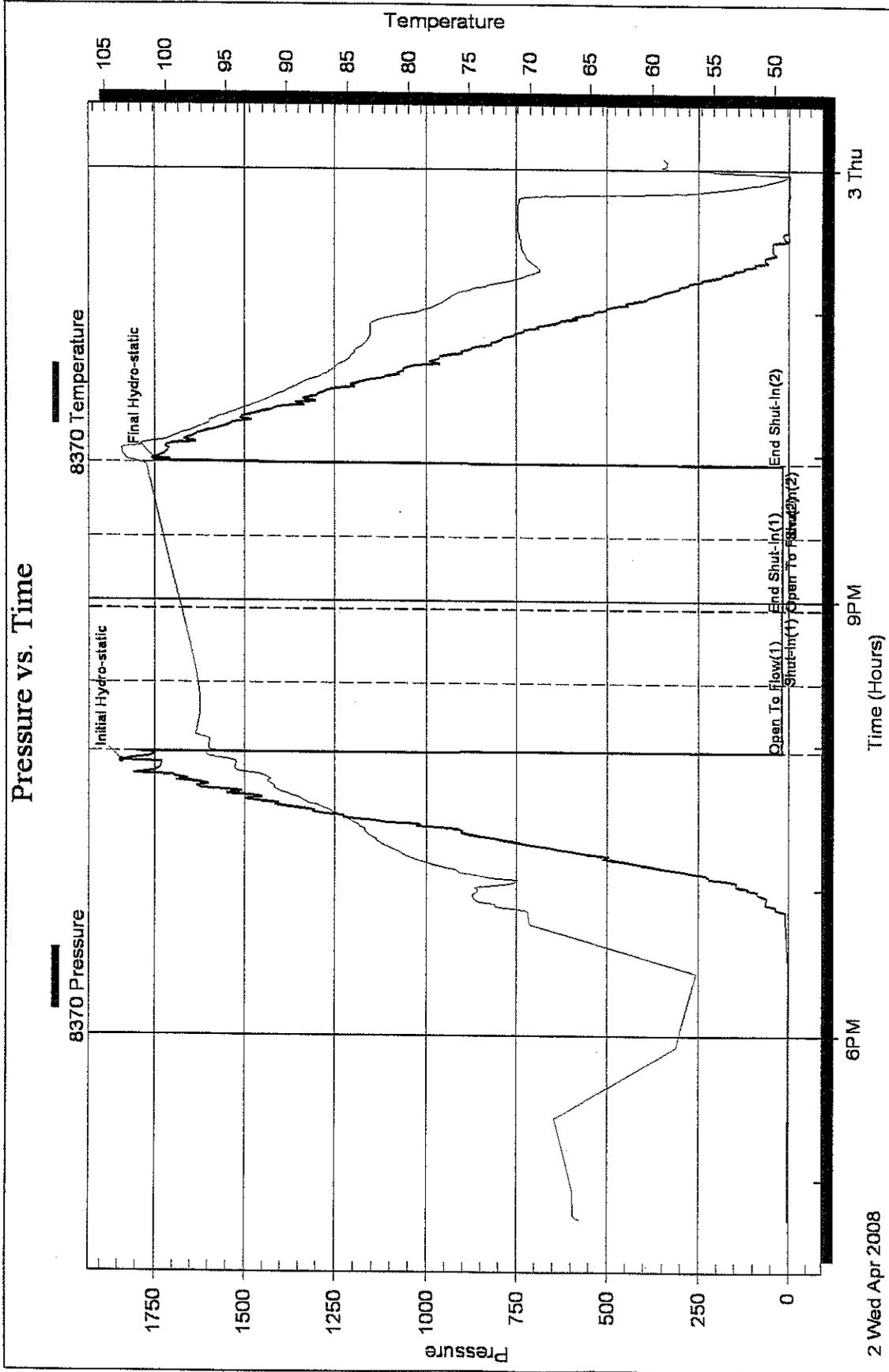
Inside

JW Williamson Oil Co

24 23 14 Stafford K

DST Test Number: 2

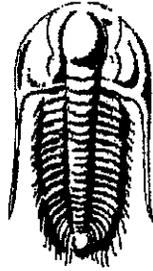
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 29877

Printed: 2008.04.10 @ 09:56:51 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **JW Williamson Oil Co**

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

24 23 14 Stafford K

Bartlett #1

Start Date: 2008.04.01 @ 23:24:27

End Date: 2008.04.03 @ 00:00:00

Job Ticket #: 29878 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

JW Williamson Oil Co

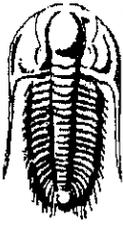
Bartlett #1

24 23 14 Stafford K

DST # 3

Lansing J

2008.04.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

JW Williamson Oil Co

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

Bartlett #1

24 23 14 Stafford K

Job Ticket: 29878

DST#: 3

Test Start: 2008.04.01 @ 23:24:27

GENERAL INFORMATION:

Formation: **Lansing J**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole
 Tester: Esak Hadley
 Unit No: 23

Interval: **3715.00 ft (KB) To 3744.00 ft (KB) (TVD)**
 Total Depth: **3744.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

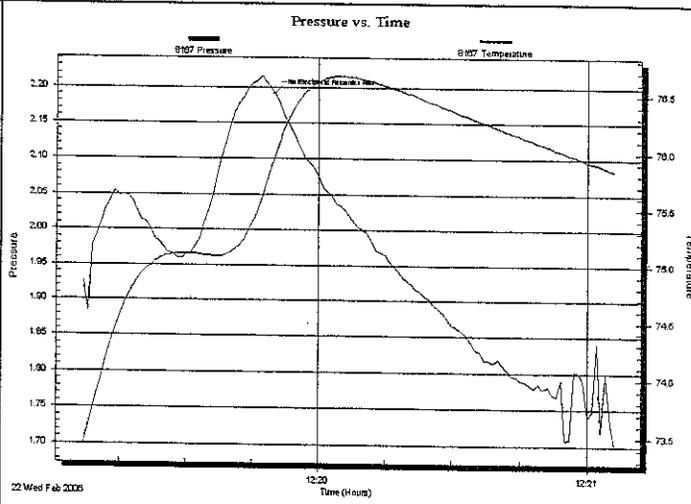
Reference Elevations: **1946.00 ft (KB)**
1937.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 8167

Press@RunDepth: **psig @ ft (KB)**
 Start Date: **2006.02.22** End Date: **2006.02.22**
 Start Time: **12:19:07** End Time: **12:21:06**

Capacity: **7000.00 psig**
 Last Calib.: **1899.12.30**
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF Packer failure upon tool opening



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.19	75.96	--No Electronic Recorder Ran

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29878

DST#: 3

ATTN: Jeff Burk

Test Start: 2008.04.01 @ 23:24:27

Tool Information

Drill Pipe:	Length:	ft	Diameter:	3.80 inches	Volume:	- 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:	lb
Drill Collar:	Length:	173.00 ft	Diameter:	2.25 inches	Volume:	0.85 bbl	Weight to Pull Loose:	lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	-3515.00 ft						String Weight: Initial	lb
Depth to Top Packer:	3715.00 ft						Final	lb
Depth to Bottom Packer:	ft							
Interval between Packers:	29.00 ft							
Tool Length:	56.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3689.00	
Shut In Tool	5.00			3694.00	
Hydraulic tool	5.00			3699.00	
Jars	5.00			3704.00	
Safety Joint	2.00			3706.00	
Packer	4.00			3710.00	27.00 Bottom Of Top Packer
Packer	5.00			3715.00	
Stubb	1.00			3716.00	
Recorder	0.00	8370	Inside	3716.00	
Recorder	0.00	8289	Inside	3716.00	
Perforations	23.00			3739.00	
Bullnose	5.00			3744.00	29.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29878

DST#: 3

ATTN: Jeff Burk

Test Start: 2008.04.01 @ 23:24:27

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 14.17 in³

Resistivity: 0.00 ohm.m

Salinity: 12000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

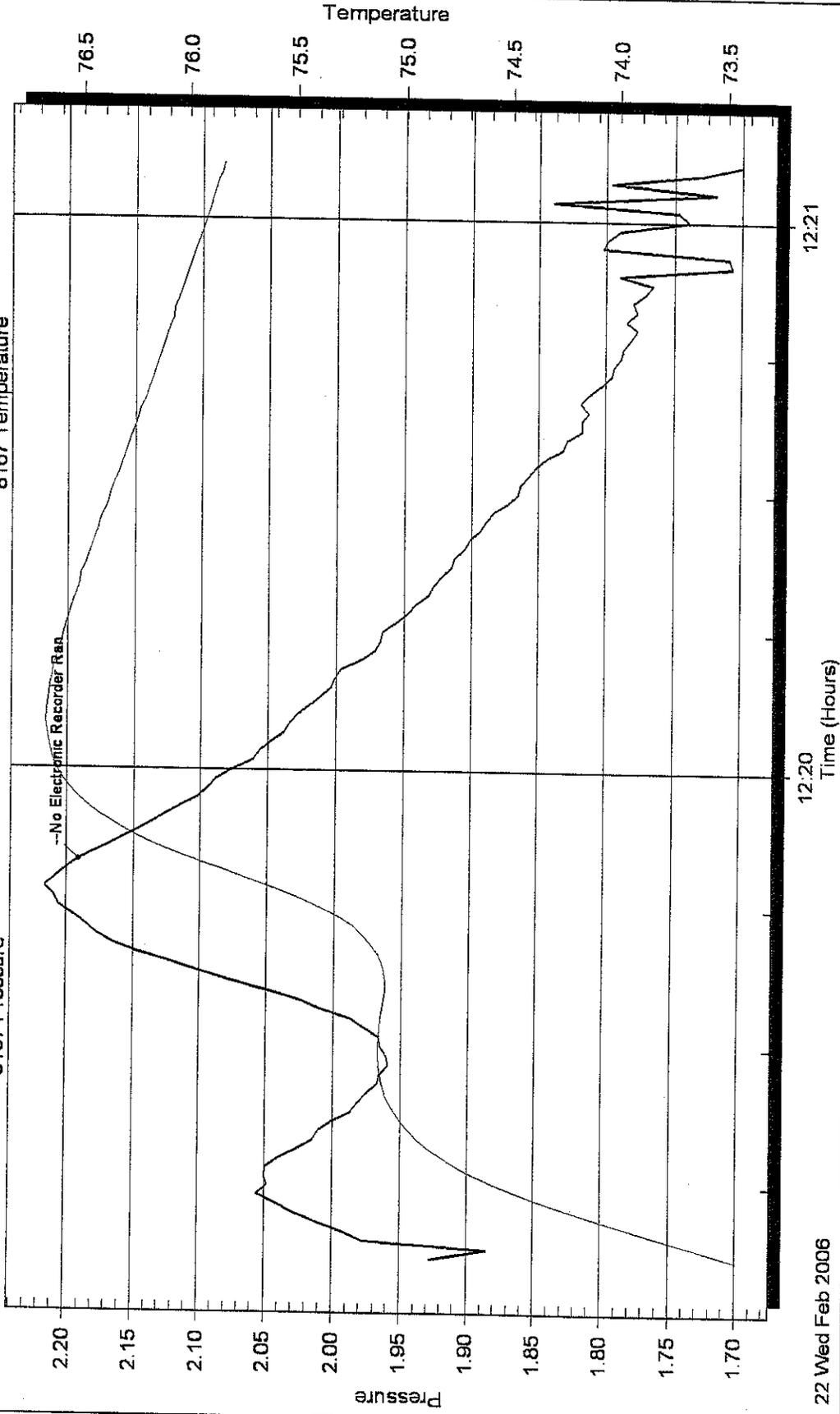
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

8167 Pressure

8167 Temperature



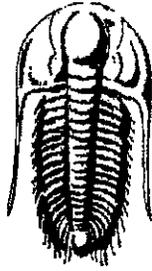
--No Electric Recorder Ran

12:21

12:20

Time (Hours)

22 Wed Feb 2006



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **JW Williamson Oil Co**

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

24 23 14 Stafford K

Bartlett #1

Start Date: 2008.04.01 @ 23:24:27

End Date: 2008.04.03 @ 00:00:00

Job Ticket #: 29879 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

JW Williamson Oil Co

Bartlett #1

24 23 14 Stafford K

DST # 4

Lansing J

2008.04.01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

JW Williamson Oil Co

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

Bartlett #1

24 23 14 Stafford K

Job Ticket: 29879

DST#: 4

Test Start: 2008.04.01 @ 23:24:27

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Interval: **3678.00 ft (KB) To 3744.00 ft (KB) (TVD)**

Total Depth: 3744.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Reference Elevations: 1946.00 ft (KB)

1937.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167

Press@RunDepth: psig @ ft (KB)

Start Date: 2006.02.22 End Date:

2006.02.22

Capacity: 7000.00 psig

Start Time: 12:19:07 End Time:

12:21:06

Last Calib.:

1899.12.30

Time On Btm:

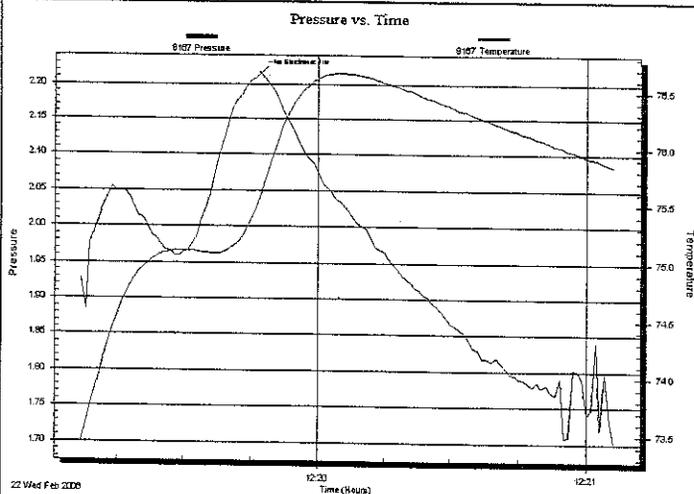
Time Off Btm:

TEST COMMENT: IF Weak blow Surface blow no more than 1/4 "

ISI No blow

FF Weak blow Surface blow no more than 1/4 "

FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.22	75.59	--No Electronic File

Recovery

Length (ft)	Description	Volume (bbl)
173.00	OCGM 1%O 3%G 96%M	0.85
67.00	DM	0.94

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29879

DST#: 4

ATTN: Jeff Burk

Test Start: 2008.04.01 @ 23:24:27

Tool Information

Drill Pipe:	Length: 3481.00 ft	Diameter: 3.80 inches	Volume: 48.83 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: 173.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 49.68 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3678.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3652.00	
Shut In Tool	5.00			3657.00	
Hydraulic tool	5.00			3662.00	
Jars	5.00			3667.00	
Safety Joint	2.00			3669.00	
Packer	4.00			3673.00	27.00 Bottom Of Top Packer
Packer	5.00			3678.00	
Stubb	1.00			3679.00	
Recorder	0.00	8370	Inside	3679.00	
Recorder	0.00	8289	Inside	3679.00	
Perforations	26.00			3705.00	
Change Over Sub	1.00			3706.00	
Blank Spacing	32.00			3738.00	
Change Over Sub	1.00			3739.00	
Bullnose	5.00			3744.00	66.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

ATTN: Jeff Burk

Job Ticket: 29879

DST#: 4

Test Start: 2008.04.01 @ 23:24:27

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 14.17 in³

Resistivity: 0.00 ohm.m

Salinity: 12000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
173.00	OCGM 1%O 3%G 96%M	0.851
67.00	DM	0.940

Total Length: 240.00 ft

Total Volume: 1.791 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

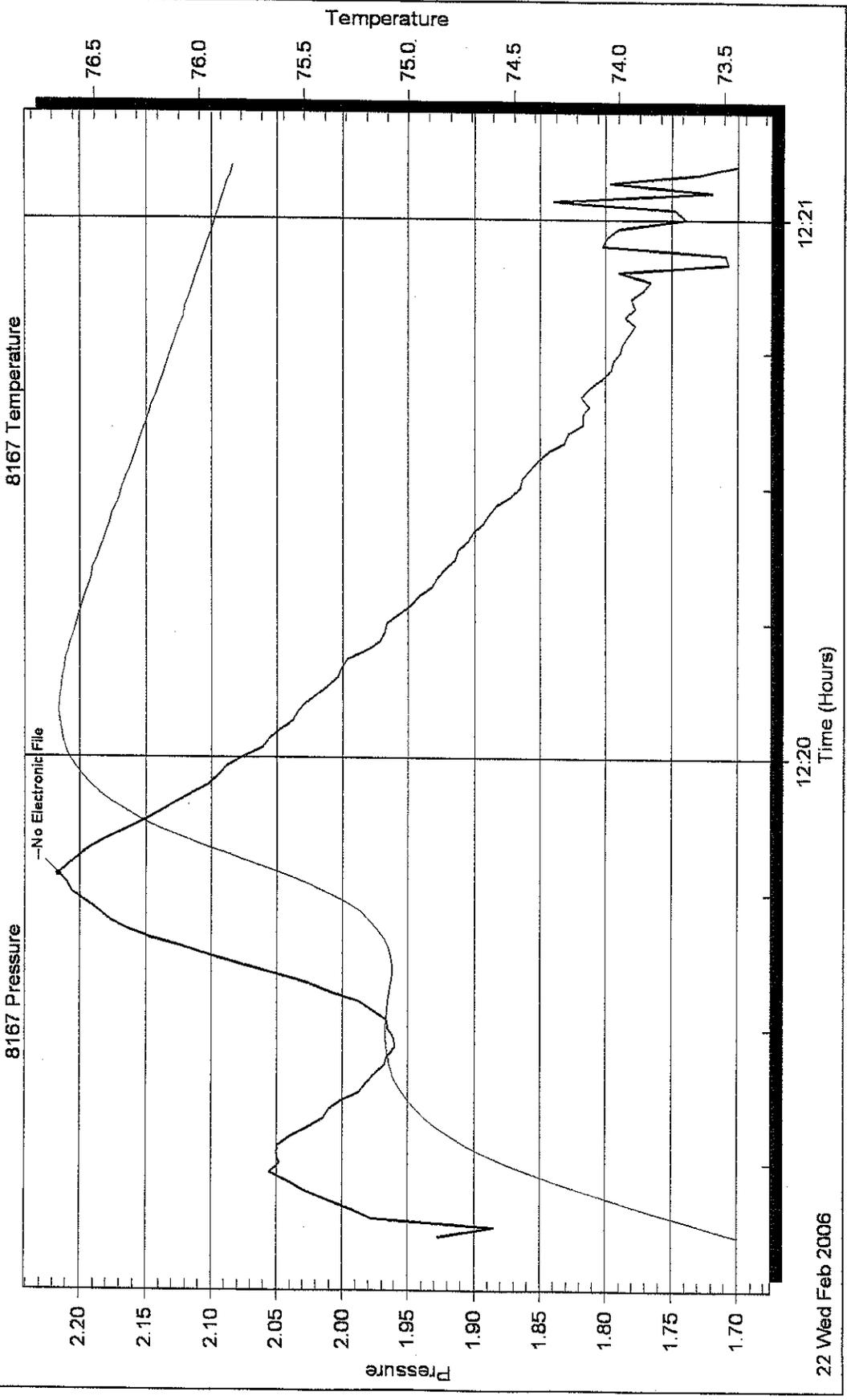
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

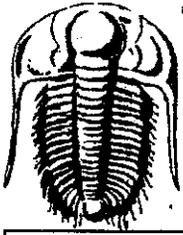
Pressure vs. Time



22 Wed Feb 2006

12:20

12:21

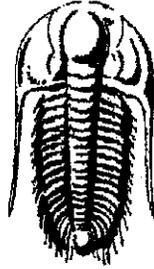


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT
JW Williamson

Well name#:	Bartlett #1	Date: 4/3/2008
Location#:	24 23 14W Stafford KS	Ticket #: 29879
		DST#: 4

Recorder #:		
Pressure Summary:		Time:(min)
Initial Hydro-static:	1.556	1803.24
Open to Flow (1):	0.114	132.56
Shut-in (1):	0.116	134.88
End Shut-in (1):		
Open to Flow (2):		
Shut-in (2):		
End Shut-in (2):		
Final Hydro-static:	1.501	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **JW Williamson Oil Co**

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

24 23 14 Stafford K

Bartlett #1

Start Date: 2008.04.04 @ 12:43:08

End Date: 2008.04.04 @ 22:56:08

Job Ticket #: 29880 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

JW Williamson Oil Co

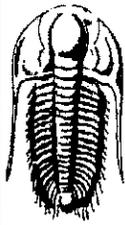
Bartlett #1

24 23 14 Stafford K

DST # 5

Lansing K

2008.04.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

JW Williamson Oil Co

1668 Lawrence Ct
Wichita KS 67206

ATTN: Jeff Burk

Bartlett #1

24 23 14 Stafford K

Job Ticket: 29880

DST#: 5

Test Start: 2008.04.04 @ 12:43:08

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:11:08

Time Test Ended: 22:56:08

Interval: **3733.00 ft (KB) To 3770.00 ft (KB) (TVD)**

Total Depth: 3770.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Reference Elevations: 1946.00 ft (KB)

1937.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8370 Inside

Press@RunDepth: 47.20 psig @ 3734.00 ft (KB)

Start Date: 2008.04.04 End Date: 2008.04.04

Start Time: 12:43:13 End Time: 22:56:08

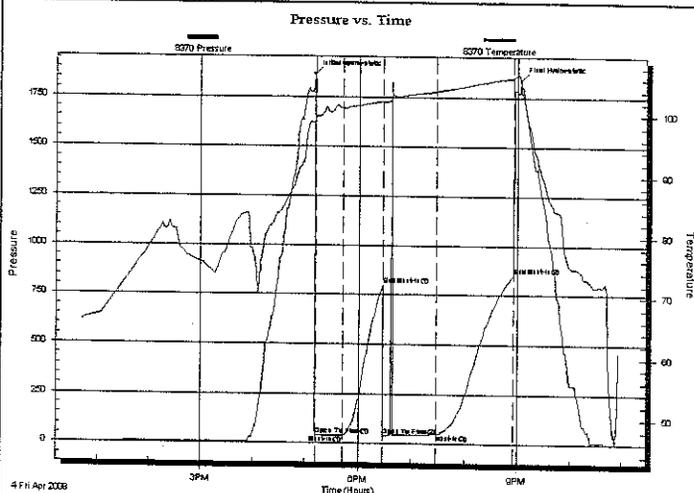
Capacity: 7000.00 psig

Last Calib.: 2008.04.04

Time On Btm: 2008.04.04 @ 17:10:08

Time Off Btm: 2008.04.04 @ 21:03:38

TEST COMMENT: IF Weak blow no more than 1 1/2 "
ISI No blow
FF Weak blow to start but bled off
FSI No blow



PRESSURE SUMMARY

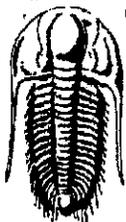
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1866.31	98.97	Initial Hydro-static
1	40.07	99.34	Open To Flow (1)
32	39.63	101.14	Shut-in(1)
77	800.18	102.38	End Shut-in(1)
78	41.72	102.07	Open To Flow (2)
138	47.20	104.04	Shut-in(2)
226	853.52	106.29	End Shut-in(2)
234	1838.69	105.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	DM	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29880

DST#: 5

ATTN: Jeff Burk

Test Start: 2008.04.04 @ 12:43:08

Tool Information

Drill Pipe:	Length: 3547.00 ft	Diameter: 3.80 inches	Volume: 49.76 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: 22000.00 lb
Drill Collar:	Length: 173.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	50.61 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3733.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3707.00	
Shut In Tool	5.00			3712.00	
Hydraulic tool	5.00			3717.00	
Jars	5.00			3722.00	
Safety Joint	2.00			3724.00	
Packer	4.00			3728.00	27.00 Bottom Of Top Packer
Packer	5.00			3733.00	
Stubb	1.00			3734.00	
Recorder	0.00	8370	Inside	3734.00	
Recorder	0.00	8289	Inside	3734.00	
Perforations	31.00			3765.00	
Bullnose	5.00			3770.00	37.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

JW Williamson Oil Co

Bartlett #1

1668 Lawrence Ct
Wichita KS 67206

24 23 14 Stafford K

Job Ticket: 29880

DST#: 5

ATTN: Jeff Burk

Test Start: 2008.04.04 @ 12:43:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 8.78 in³

Resistivity: 0.00 ohm.m

Salinity: 11000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
85.00	DM	0.418

Total Length: 85.00 ft Total Volume: 0.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

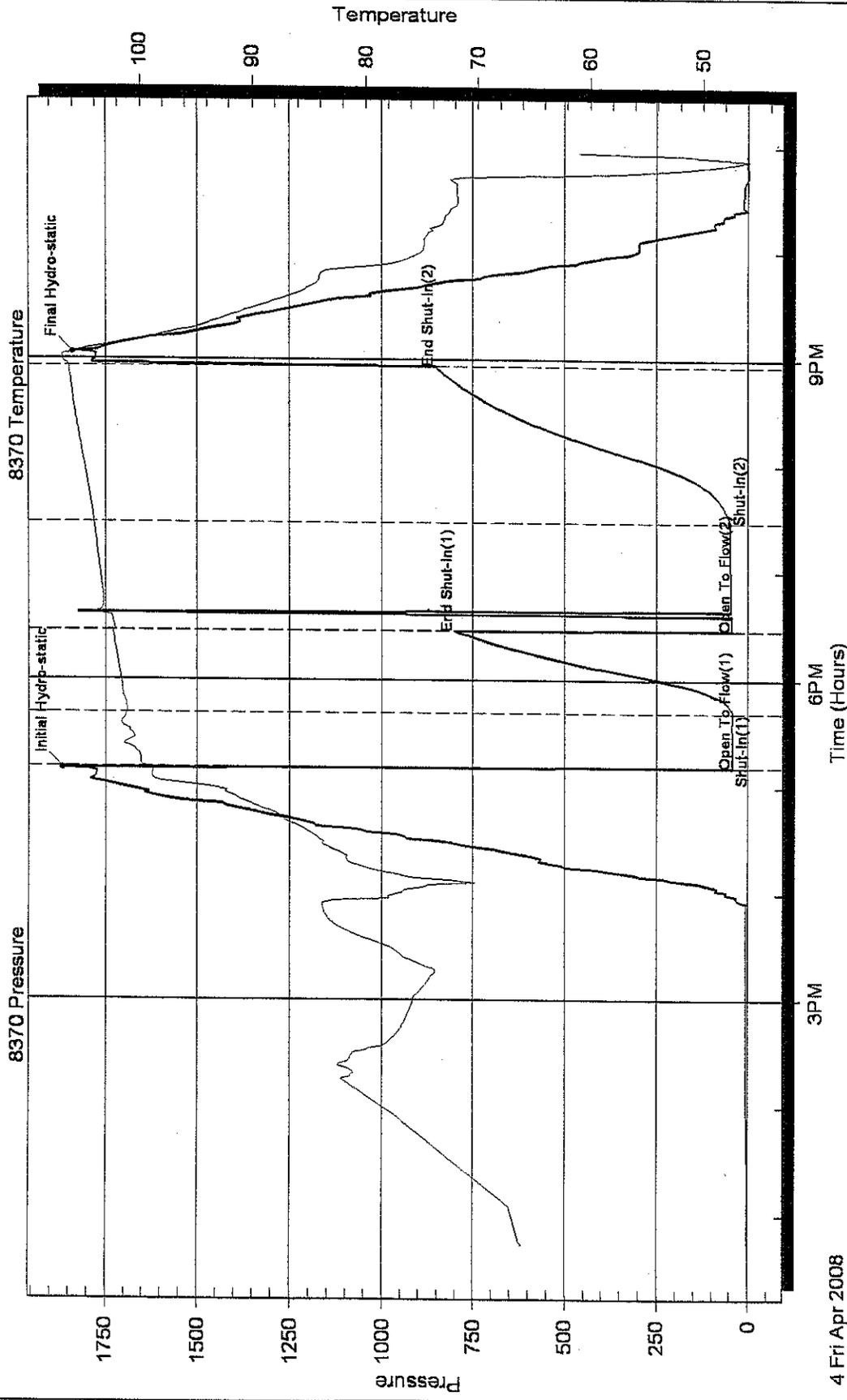
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



4 Fri Apr 2008

3 PM

6 PM

9 PM

Time (Hours)

