

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Ed Glassman

33 9S 21W Graham KS

Milfred #1-33

Start Date: 2009.01.23 @ 19:43:56

End Date: 2009.01.24 @ 03:12:56

Job Ticket #: 35186 DST #: 1

CONFIDENTIAL

APR 28 2009

KCC

American Warrior

Milfred #1-33

33 9S 21W Graham KS

DST # 1

Arbuckle

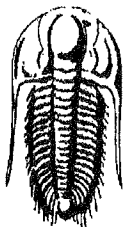
2009.01.23

KANSAS CORPORATION COMMISSION

MAY 05 2009

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 35186 **DST#: 1**
Test Start: 2009.01.23 @ 19:43:56

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:05:26
Time Test Ended: 03:12:56
Interval: **3832.00 ft (KB) To 3873.00 ft (KB) (TVD)**
Total Depth: 3873.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No:
Reference Elevations: 2302.00 ft (KB)
2294.00 ft (CF)

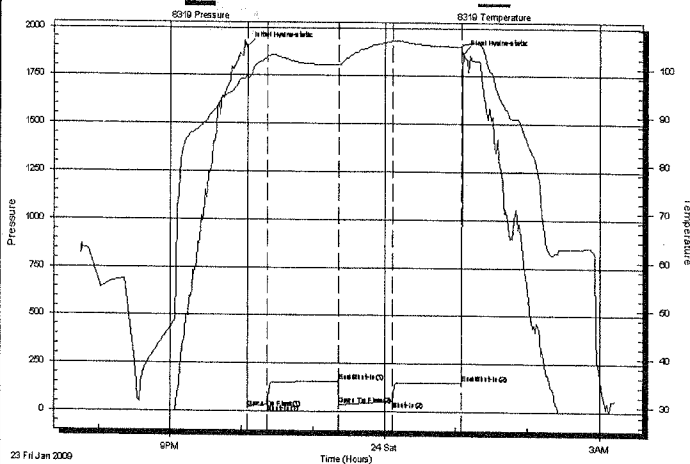
Serial #: 8319

Inside

Press@RunDepth: 55.19 psig @ 3836.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.01.23 End Date: 2009.01.24 Last Calib.: 2009.01.24
Start Time: 19:44:01 End Time: 03:12:55 Time On Btm: 2009.01.23 @ 22:04:56
Time Off Btm: 2009.01.24 @ 01:06:25

TEST COMMENT: IF- 5in blow
IS- very weak blow died in 7min
FF- 3.5in blow
FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

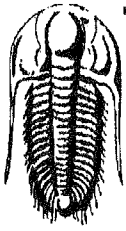
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.19	98.31	Initial Hydro-static
1	18.73	97.75	Open To Flow (1)
17	34.70	102.34	Shut-In(1)
76	154.75	100.70	End Shut-In(1)
77	36.53	100.63	Open To Flow (2)
122	55.19	105.60	Shut-In(2)
181	153.55	104.54	End Shut-In(2)
182	1869.46	104.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Free Oil	0.29
60.00	OCM 20%O 80%M	0.84

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

Milfred #1-33

PO Box 399
Garden City, KS 67846

33 9S 21W Graham KS

ATTN: Ed Glassman

Job Ticket: 35186

DST#: 1

Test Start: 2009.01.23 @ 19:43:56

Tool Information

Drill Pipe:	Length: 3802.00 ft	Diameter: 3.80 inches	Volume: 53.33 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - 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: 85000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	3832.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

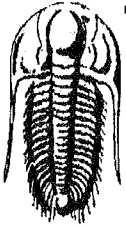
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3810.00	
Shut In Tool	5.00			3815.00	
Hydraulic tool	5.00			3820.00	
Safety Joint	3.00			3823.00	
Packer	4.00			3827.00	23.00 Bottom Of Top Packer
Packer	5.00			3832.00	
Stubb	1.00			3833.00	
Perforations	3.00			3836.00	
Recorder	0.00	8319	Inside	3836.00	
Recorder	0.00	8369	Inside	3836.00	
Change Over Sub	1.00			3837.00	
Blank Spacing	32.00			3869.00	
Change Over Sub	1.00			3870.00	
Bullnose	3.00			3873.00	41.00 Bottom Packers & Anchor

Total Tool Length: 64.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 35186 **DST#: 1**
Test Start: 2009.01.23 @ 19:43:56

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: inches			

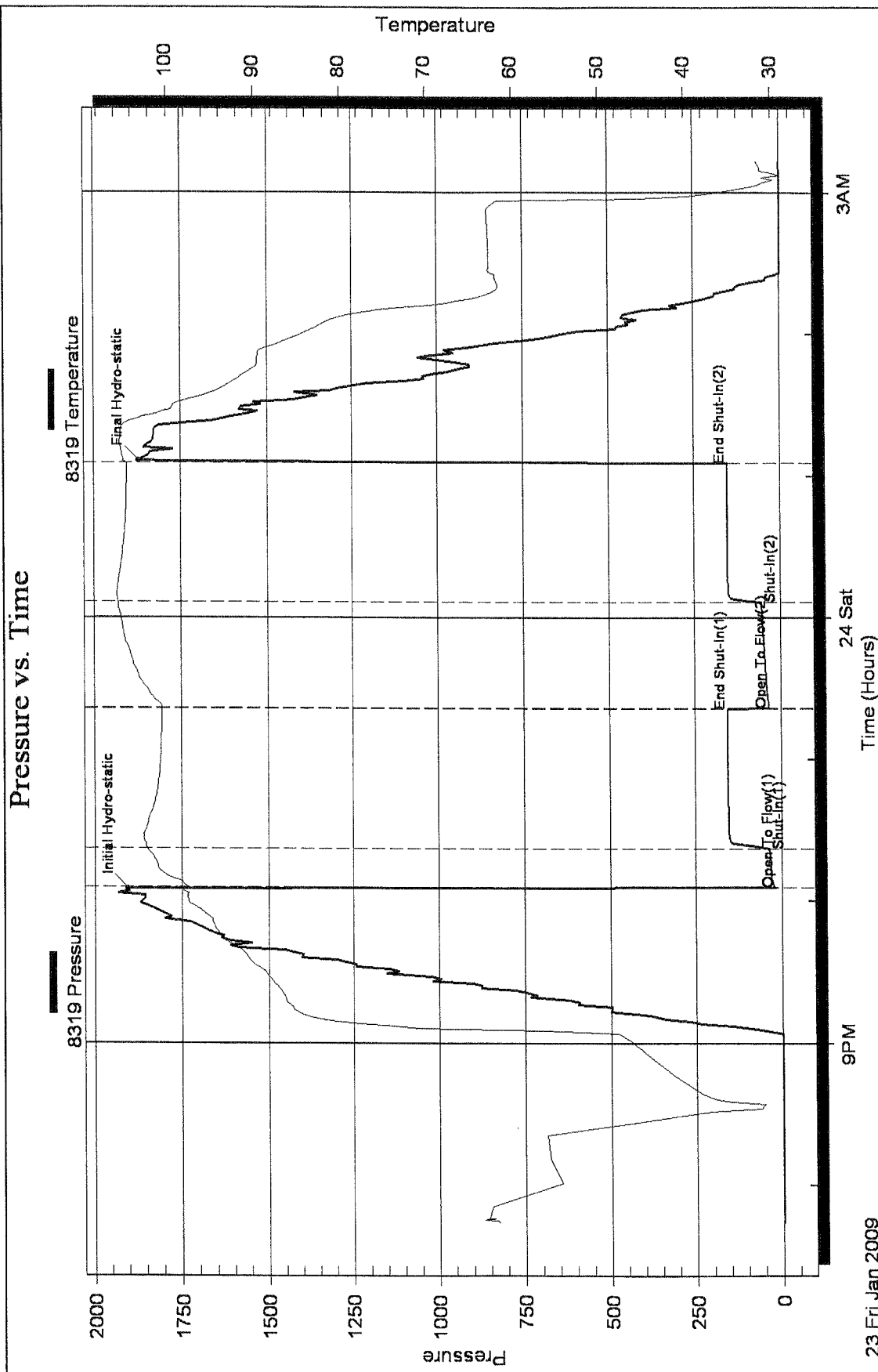
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Free Oil	0.288
60.00	OCM 20%O 80%M	0.842

Total Length: 100.00 ft Total Volume: 1.130 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

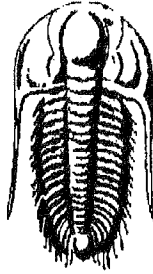


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Ref. No: 35186

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DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Ed Glassman

33 9S 21W Graham KS

Milfred #1-33

Start Date: 2009.01.24 @ 11:45:25

End Date: 2009.01.24 @ 18:27:55

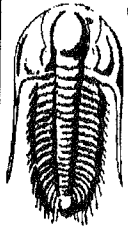
Job Ticket #: 34972 DST #: 2

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior
 PO Box 399
 Garden City, KS 67846
 ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
 Job Ticket: 34972 **DST#: 2**
 Test Start: 2009.01.24 @ 11:45:25

GENERAL INFORMATION:

Formation: **Arb**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 13:20:25
 Time Test Ended: 18:27:55

Test Type: Conventional Bottom Hole
 Tester: Kyle Kinderknecht
 Unit No: 47

Interval: **3830.00 ft (KB) To 3885.00 ft (KB) (TVD)**
 Total Depth: 3873.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2302.00 ft (KB)
 2294.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8319

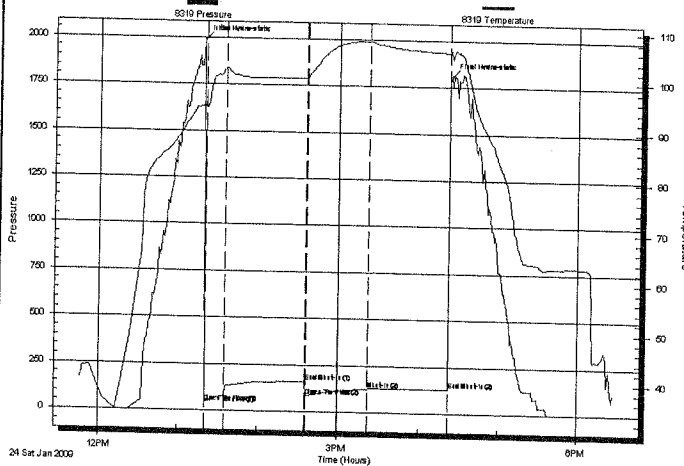
Inside

Press@RunDepth: 126.45 psig @ 3833.00 ft (KB)
 Start Date: 2009.01.24 End Date: 2009.01.24
 Start Time: 11:45:30 End Time: 18:27:54

Capacity: 7000.00 psig
 Last Calib.: 2009.01.24
 Time On Btm: 2009.01.24 @ 13:19:25
 Time Off Btm: 2009.01.24 @ 16:23:55

TEST COMMENT: IF BOB 13 min
 FF 8"

Pressure vs. Time



PRESSURE SUMMARY

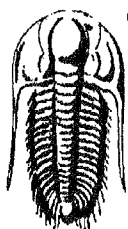
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1988.82	95.09	Initial Hydro-static
1	42.69	94.42	Open To Flow (1)
16	80.85	102.15	Shut-In(1)
76	163.10	100.53	End Shut-In(1)
77	84.90	100.52	Open To Flow (2)
123	126.45	107.95	Shut-In(2)
183	132.28	105.86	End Shut-In(2)
185	1806.35	104.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.01
120.00	SltOCM 5%O 95%M	1.43
120.00	MCW Scum of oil 80%W 20%M	1.68

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 34972 **DST#: 2**
Test Start: 2009.01.24 @ 11:45:25

Tool Information

Drill Pipe:	Length: 3797.00 ft	Diameter: 3.80 inches	Volume: 53.26 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 95000.00 lb
			<u>Total Volume: 53.41 bbl</u>	Tool Chased 7.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	3830.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

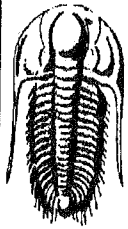
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3808.00	
Shut In Tool	5.00			3813.00	
Hydraulic tool	5.00			3818.00	
Safety Joint	3.00			3821.00	
Packer	4.00			3825.00	23.00 Bottom Of Top Packer
Packer	5.00			3830.00	
Stubb	1.00			3831.00	
Perforations	1.00			3832.00	
Change Over Sub	1.00			3833.00	
Recorder	0.00	8319	Inside	3833.00	
Recorder	0.00	8369	Inside	3833.00	
Blank Spacing	32.00			3865.00	
Change Over Sub	1.00			3866.00	
Perforations	16.00			3882.00	
Bullnose	3.00			3885.00	55.00 Bottom Packers & Anchor

Total Tool Length: 78.00

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FLUID SUMMARY

American Warrior

Milfred #1-33

PO Box 399
Garden City, KS 67846

33 9S 21W Graham KS

Job Ticket: 34972

DST#: 2

ATTN: Ed Glassman

Test Start: 2009.01.24 @ 11:45:25

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:	18000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Free Oil	0.010
120.00	StOCM 5%O 95%M	1.428
120.00	MCW Scum of oil 80%W 20%M	1.683

Total Length: 242.00 ft Total Volume: 3.121 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

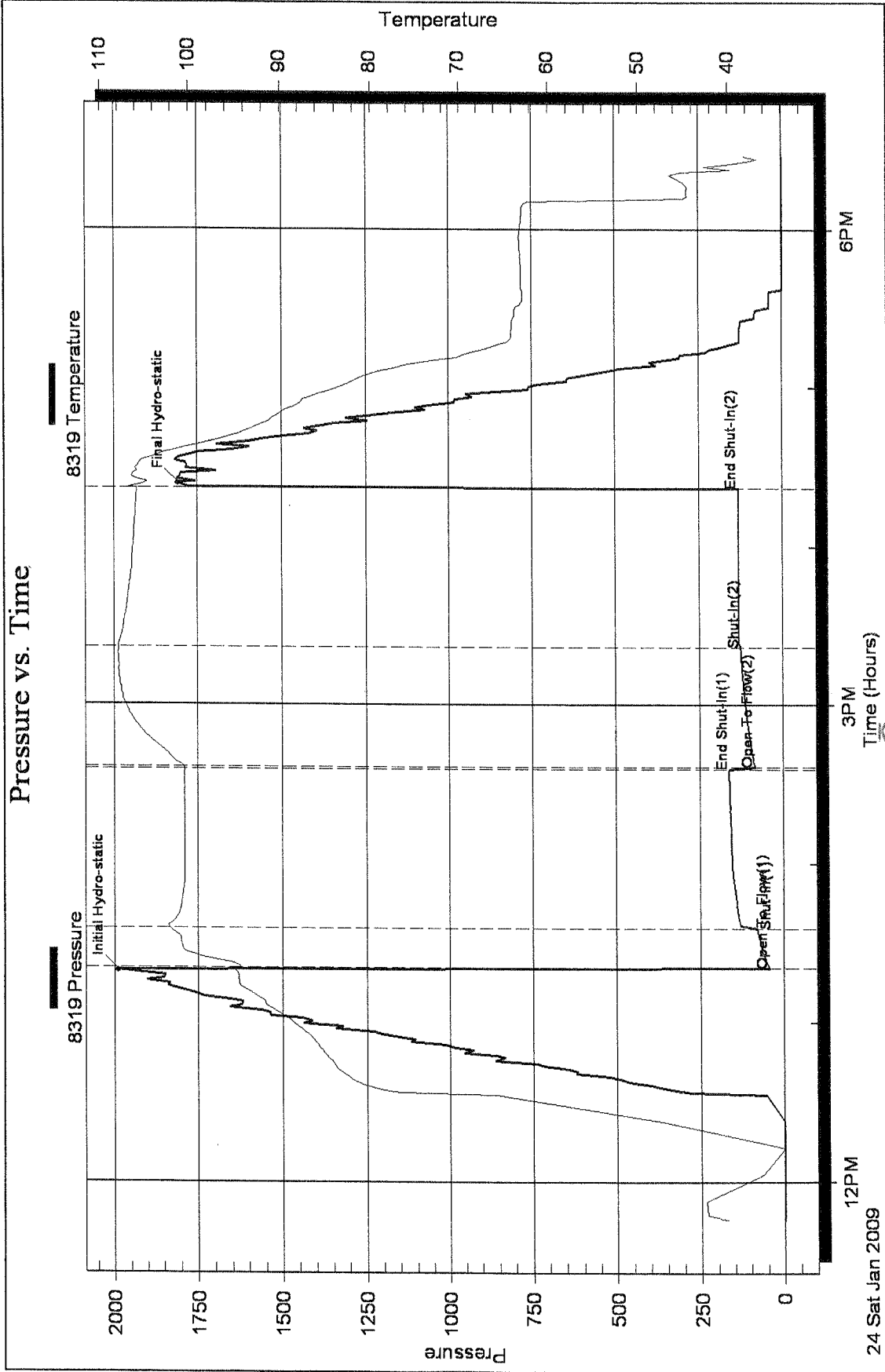
Serial #:

Laboratory Name:

Laboratory Location:

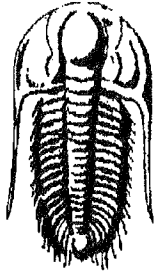
Recovery Comments: RW .44 @ 60F

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Ed Glassman

33 9S 21W Graham KS

Milfred #1-33

Start Date: 2009.01.25 @ 02:07:59

End Date: 2009.01.25 @ 09:43:59

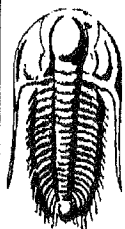
Job Ticket #: 34973 DST #: 3

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



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DRILL STEM TEST REPORT

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 34973 **DST#: 3**
Test Start: 2009.01.25 @ 02:07:59

GENERAL INFORMATION:

Formation: **Arb**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:06:59
Time Test Ended: 09:43:59

Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 47

Interval: **3886.00 ft (KB) To 3910.00 ft (KB) (TVD)**
Total Depth: 3910.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2302.00 ft (KB)
2294.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8319

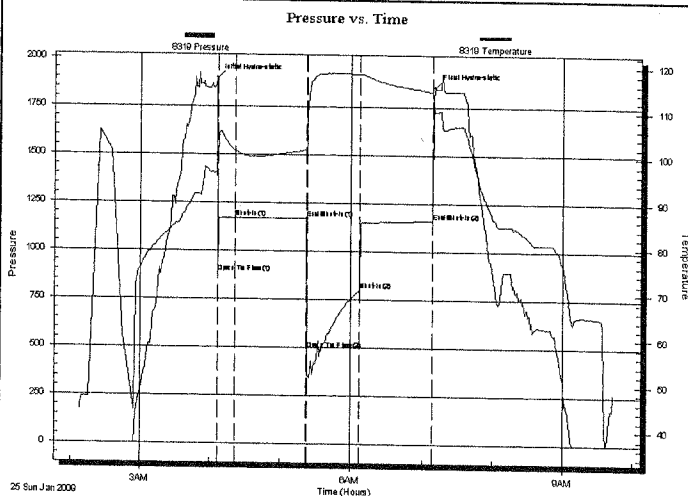
Inside

Press@RunDepth: 798.97 psig @ 3887.00 ft (KB)
Start Date: 2009.01.25 End Date: 2009.01.25
Start Time: 02:08:04 End Time: 09:43:58

Capacity: 7000.00 psig
Last Calib.: 2009.01.25
Time On Btm: 2009.01.25 @ 04:06:29
Time Off Btm: 2009.01.25 @ 07:11:29

TEST COMMENT: IF No blow flushed tool 1/4"

FF BOB 2 min



PRESSURE SUMMARY

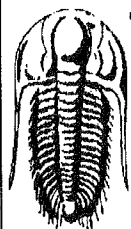
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.53	97.39	Initial Hydro-static
1	885.17	99.05	Open To Flow (1)
15	1170.08	101.27	Shut-In(1)
77	1170.67	101.48	End Shut-In(1)
77	490.80	102.73	Open To Flow (2)
121	798.97	118.18	Shut-In(2)
183	1158.20	114.51	End Shut-In(2)
185	1852.61	109.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1600.00	MdyWtr	22.17

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 34973 **DST#: 3**
Test Start: 2009.01.25 @ 02:07:59

Tool Information

Drill Pipe:	Length: 3861.00 ft	Diameter: 3.80 inches	Volume: 54.16 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 100000.0 lb
			<u>Total Volume: 54.31 bbl</u>	Tool Chased 25.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3886.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	47.00 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			3864.00	
Shut In Tool	5.00			3869.00	
Hydraulic tool	5.00			3874.00	
Safety Joint	3.00			3877.00	
Packer	4.00			3881.00	23.00 Bottom Of Top Packer
Packer	5.00			3886.00	
Stubb	1.00			3887.00	
Recorder	0.00	8319	Inside	3887.00	
Recorder	0.00	8369	Inside	3887.00	
Perforations	20.00			3907.00	
Bullnose	3.00			3910.00	24.00 Bottom Packers & Anchor

Total Tool Length: 47.00

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FLUID SUMMARY

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PO Box 399
Garden City, KS 67846
ATTN: Ed Glassman

Milfred #1-33
33 9S 21W Graham KS
Job Ticket: 34973 **DST#: 3**
Test Start: 2009.01.25 @ 02:07:59

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	18000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume:		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		
Salinity: 2800.00 ppm			
Filter Cake: inches			

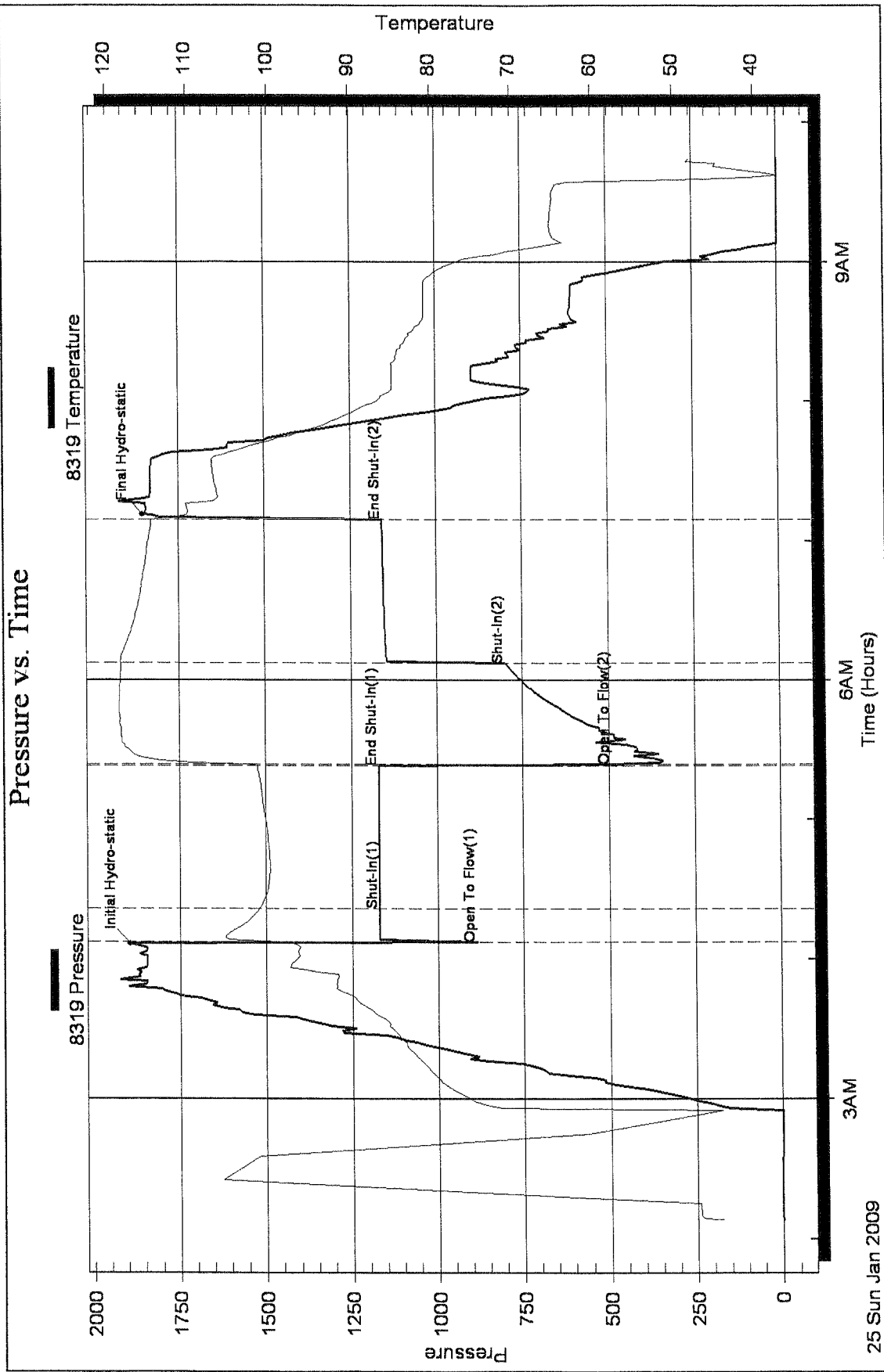
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1600.00	MdyWtr	22.171

Total Length: 1600.00 ft Total Volume: 22.171 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



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