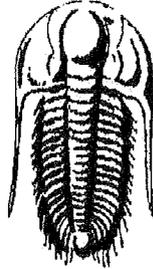


15-065-23389

1-8s-22w

IND



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

**CONFIDENTIAL  
APR 02 2008  
KCC**

ATTN: Jason Alm

**1 8S 22W Graham KS**

**Miller #1-3**

Start Date: 2008.01.28 @ 09:26:01

End Date: 2008.01.28 @ 16:23:01

Job Ticket #: 30293                      DST #: 1

American Warrior Inc

Miller #1-3

1 8S 22W Graham KS

DST # 1

Arbuckle

2008.01.28

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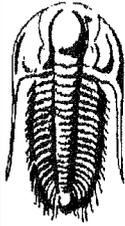
**APR 03 2008**

CONSERVATION DIVISION  
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

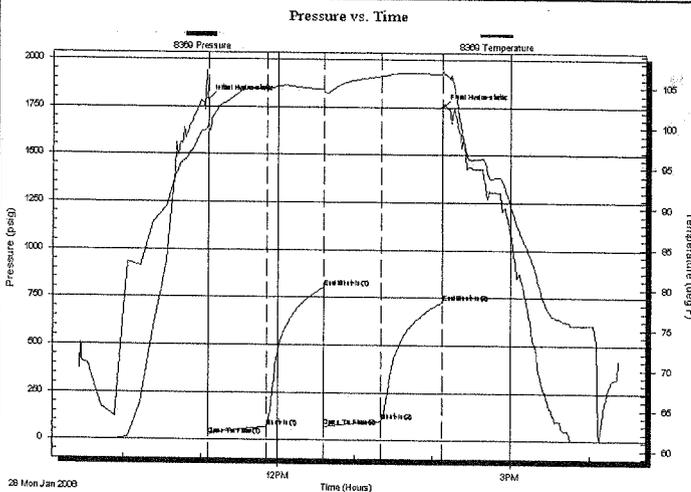
**Miller #1-3**  
**1 8S 22W Graham KS**  
Job Ticket: 30293      **DST#: 1**  
Test Start: 2008.01.28 @ 09:26:01

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 11:05:31  
Time Test Ended: 16:23:01  
Interval: **3615.00 ft (KB) To 3660.00 ft (KB) (TVD)**  
Total Depth: 3660.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Kyle Kinderknecht  
Unit No: 31  
Reference Elevations: 2131.00 ft (KB)  
2123.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8369**      **Inside**  
Press@RunDepth: 99.85 psig @ 3621.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2008.01.28      End Date: 2008.01.28      Last Calib.: 2008.01.28  
Start Time: 09:26:06      End Time: 16:23:00      Time On Btm: 2008.01.28 @ 11:05:01  
Time Off Btm: 2008.01.28 @ 14:08:00

**TEST COMMENT:** IF Building Blow to BOB 25 min  
ISI Surface  
FF 10 " Slow Building Blow  
FSI Weak Surface



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.45	100.15	Initial Hydro-static
1	23.59	99.67	Open To Flow (1)
46	68.81	104.83	Shut-In(1)
91	803.06	104.80	End Shut-In(1)
91	73.13	104.54	Open To Flow (2)
136	99.85	106.42	Shut-In(2)
183	725.88	106.75	End Shut-In(2)
183	1748.74	107.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	HvyOCM 40%O 60%M	1.00
220.00	Clean Oil	3.12

## Gas Rates

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



**TRILOBITE  
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# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc

**Miller #1-3**

PO Box 399  
Garden City KS 67846

**1 8S 22W Graham KS**

Job Ticket: 30293

**DST#: 1**

ATTN: Jason Alm

Test Start: 2008.01.28 @ 09:26:01

**Tool Information**

Drill Pipe:	Length: 3585.00 ft	Diameter: 3.82 inches	Volume: 50.82 bbl	Tool Weight: 2500.00 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: 75000.00 lb
		Total Volume: 50.97 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3615.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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**KCC**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3596.00	
Shut In Tool	5.00			3601.00	
Hydraulic tool	5.00			3606.00	
Packer	4.00			3610.00	20.00 Bottom Of Top Packer
Packer	5.00			3615.00	
Stubb	1.00			3616.00	
Perforations	5.00			3621.00	
Recorder	0.00	8369	Inside	3621.00	
Recorder	0.00	6669	Outside	3621.00	
Change Over Sub	1.00			3622.00	
Blank Spacing	31.00			3653.00	
Change Over Sub	1.00			3654.00	
Perforations	3.00			3657.00	
Bullnose	3.00			3660.00	45.00 Bottom Packers & Anchor

**Total Tool Length: 65.00**

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WICHITA, KS



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc

**Miller #1-3**

PO Box 399  
Garden City KS 67846

**1 8S 22W Graham KS**

Job Ticket: 30293

**DST#: 1**

ATTN: Jason Alm

Test Start: 2008.01.28 @ 09:26:01

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 26 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 66.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 800.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	HvyOCM 40%O 60%M	0.998
220.00	Clean Oil	3.119

Total Length: 310.00 ft      Total Volume: 4.117 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

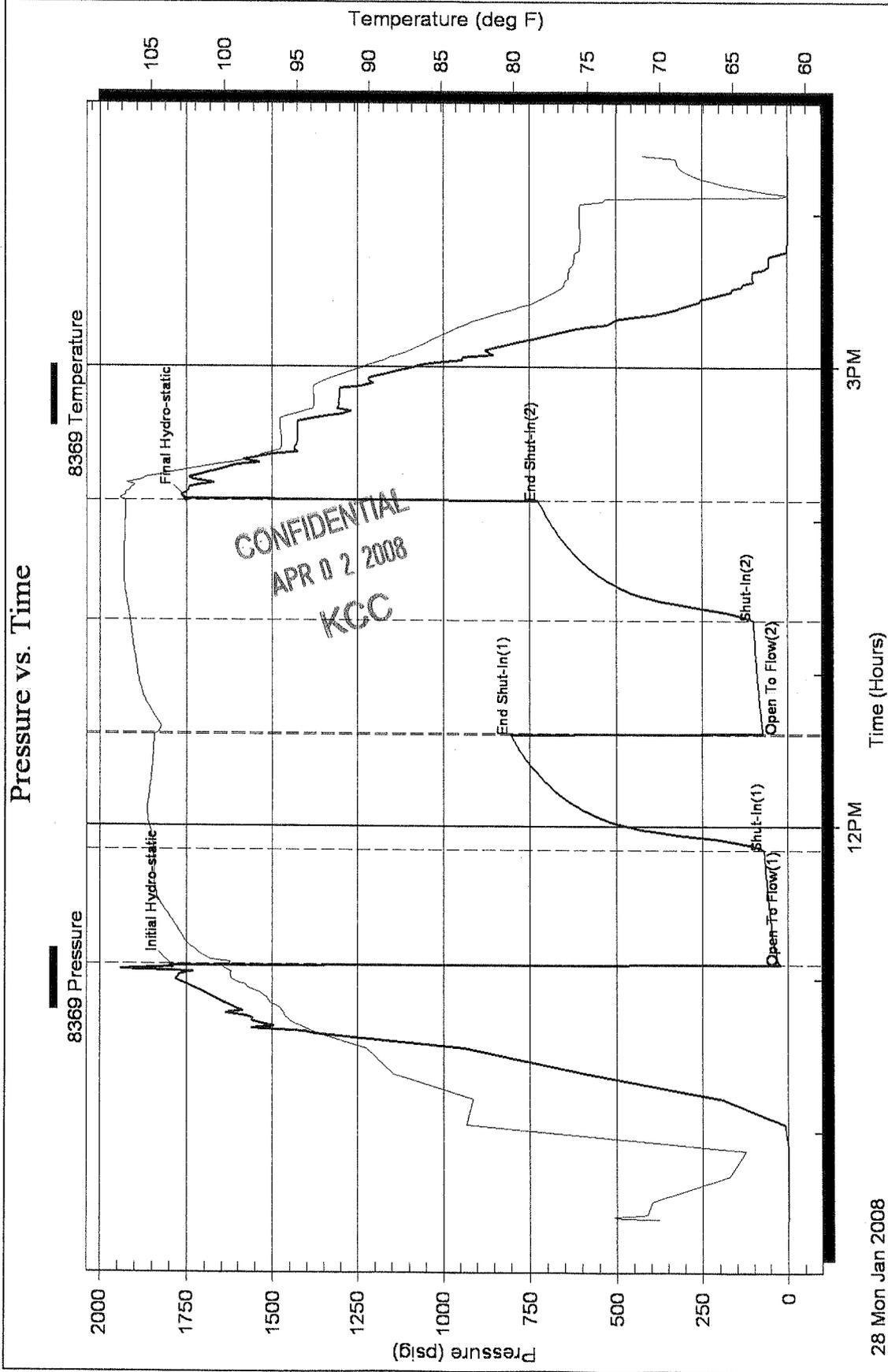
Inside

American Warrior Inc

1 8S 22W Graham KS

DST Test Number: 1

### Pressure vs. Time



28 Mon Jan 2008

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Ref. No: 30293

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