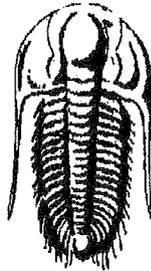


15-077-21598

35-33s-6w

IND



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Jim Dilts

**35 33 6W Harper KS**

**Pulliam #1-35**

Start Date: 2007.11.06 @ 13:42:53

End Date: 2007.11.06 @ 20:59:53

Job Ticket #: 30105                      DST #: 1

**CONFIDENTIAL**  
**JAN 22 2008**  
**KCC**

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JAN 23 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

American Warrior Inc

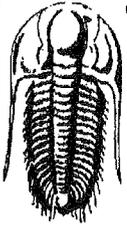
Pulliam #1-35

35 33 6W Harper KS

DST # 1

Alfalfa

2007.11.06



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Jim Dilts

**Pulliam #1-35**

**35 33 6W Harper KS**

Job Ticket: 30105

**DST#: 1**

Test Start: 2007.11.06 @ 13:42:53

## GENERAL INFORMATION:

Formation: **Alfalfa**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 16:07:08  
Time Test Ended: 20:59:53  
Interval: **3789.00 ft (KB) To 3820.00 ft (KB) (TVD)**  
Total Depth: 3820.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole  
Tester: Gary Pevoteaux  
Unit No: 39

Reference Elevations: 1284.00 ft (KB)  
1273.00 ft (CF)  
KB to GR/CF: 11.00 ft

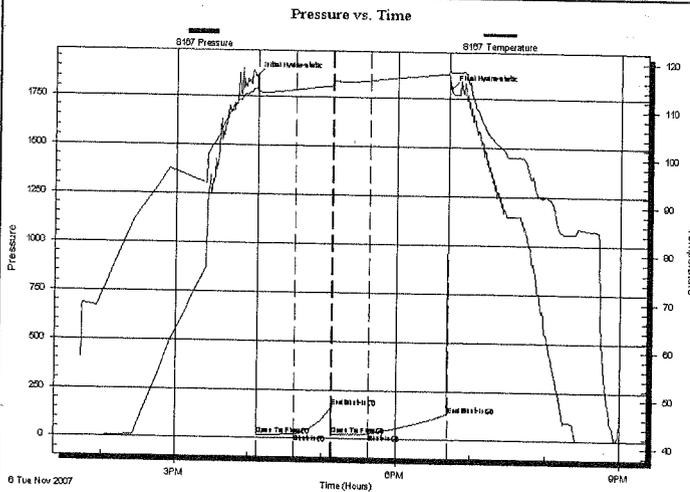
**Serial #: 8167**

**Inside**

Press@RunDepth: 27.42 psig @ 3790.00 ft (KB)  
Start Date: 2007.11.06 End Date: 2007.11.06  
Start Time: 13:42:58 End Time: 20:59:52

Capacity: 7000.00 psig  
Last Calib.: 2007.11.06  
Time On Btm: 2007.11.06 @ 16:05:23  
Time Off Btm: 2007.11.06 @ 18:43:23

TEST COMMENT: IF Weak blow 1/4 " decreasing  
ISI No blow  
FF Weak blow 1/4 "  
FSI No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1854.95	114.20	Initial Hydro-static
2	18.10	113.64	Open To Flow (1)
33	20.46	113.96	Shut-In(1)
62	162.24	114.89	End Shut-In(1)
63	24.22	115.72	Open To Flow (2)
93	27.42	116.04	Shut-In(2)
157	131.64	117.58	End Shut-In(2)
158	1801.50	118.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM.<1%O 99%M	0.15
0.00	Trace of GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 30105

**DST#: 1**

ATTN: Jim Dilts

Test Start: 2007.11.06 @ 13:42:53

### Tool Information

Drill Pipe:	Length: 3585.00 ft	Diameter: 3.80 inches	Volume: 50.29 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: 24000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 76000.00 lb
		<b>Total Volume:</b>	<b>51.19 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3789.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	59.00 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			3762.00	
Shut In Tool	5.00			3767.00	
Hydraulic tool	5.00			3772.00	
Jars	5.00			3777.00	
Safety Joint	3.00			3780.00	
Packer	4.00			3784.00	28.00 Bottom Of Top Packer
Packer	5.00			3789.00	
Stubb	1.00			3790.00	
Recorder	0.00	8167	Inside	3790.00	
Recorder	0.00	8357	Inside	3790.00	
Perforations	25.00			3815.00	
Bullnose	5.00			3820.00	31.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 30105

**DST#: 1**

ATTN: Jim Dilts

Test Start: 2007.11.06 @ 13:42:53

## 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:

8000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Gas Cushion Type:

Water Loss: 10.36 in<sup>3</sup>

Gas Cushion Pressure:

psig

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM .<1%O 99%M	0.148
0.00	Trace of GIP	0.000

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

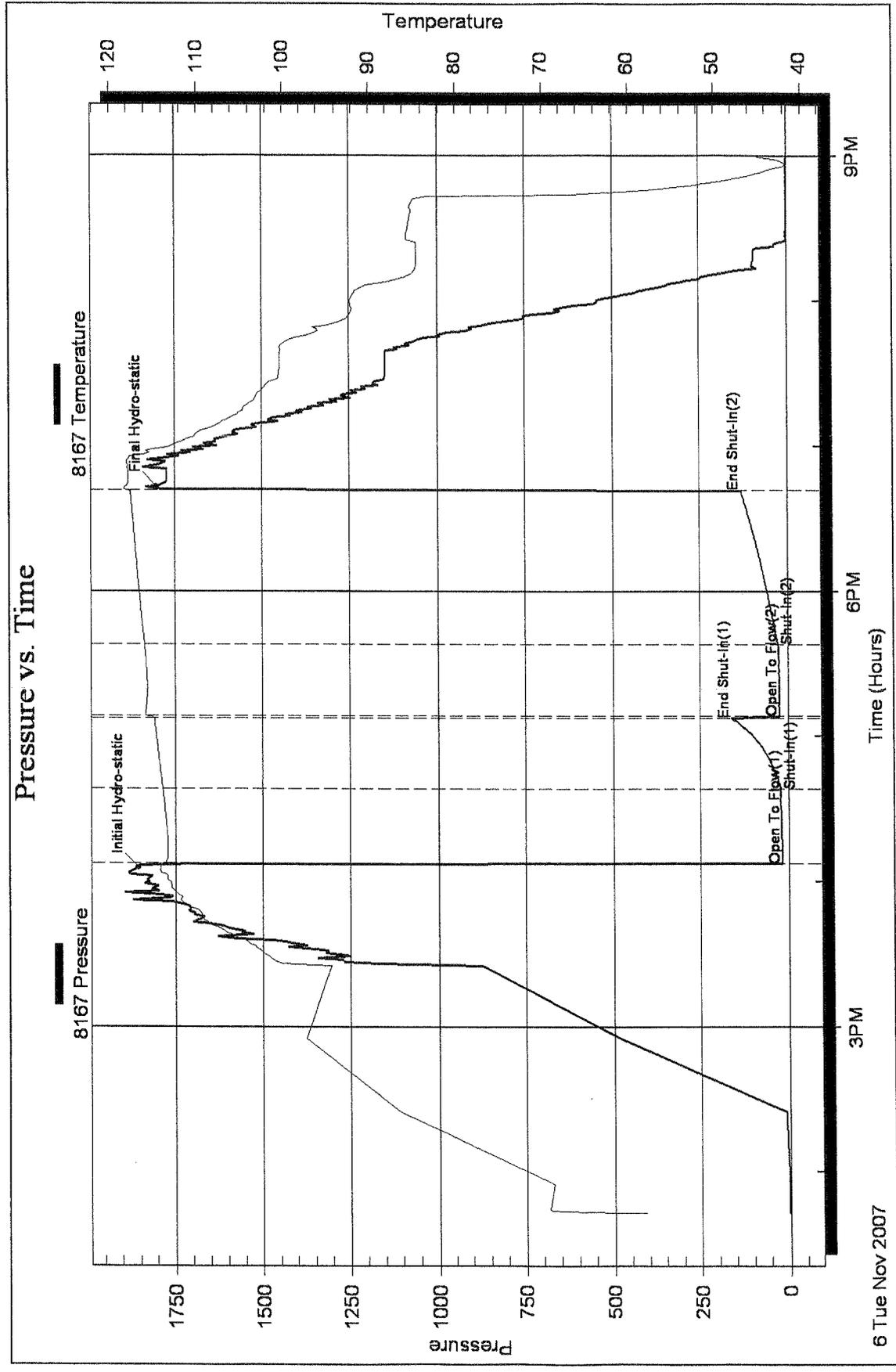
Num Gas Bombs: 0

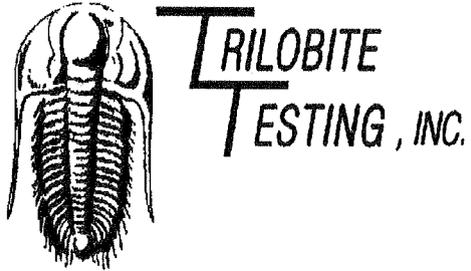
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Jim Dilts

**35 33 6W Harper KS**

**Pulliam #1-35**

Start Date: 2007.11.08 @ 20:08:58

End Date: 2007.11.09 @ 05:53:13

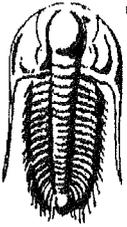
Job Ticket #: 30106                      DST #: 2

**CONFIDENTIAL**  
**JAN 22 2008**  
**KCC**

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: Jim Dilts

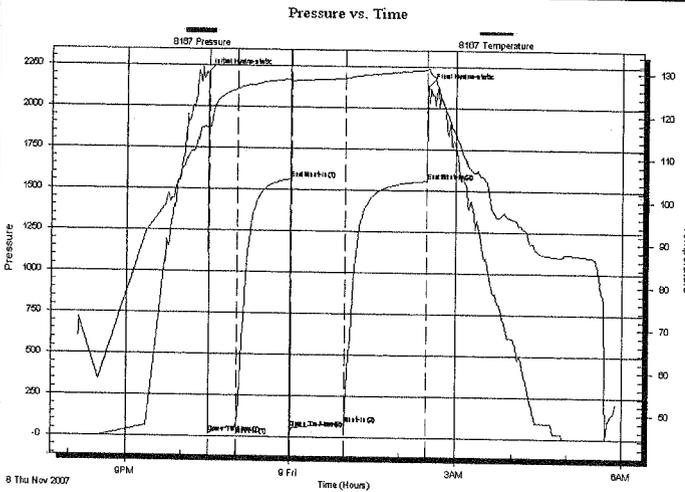
**Pulliam #1-35**  
**35 33 6W Harper KS**  
Job Ticket: 30106      **DST#: 2**  
Test Start: 2007.11.08 @ 20:08:58

## GENERAL INFORMATION:

Formation: **Miss.**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 22:30:13  
Time Test Ended: 05:53:13  
Interval: **4450.00 ft (KB) To 4461.00 ft (KB) (TVD)**  
Total Depth: 4461.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Gary Pevoteaux  
Unit No: 39  
Reference Elevations: 1284.00 ft (KB)  
1273.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8167**      **Inside**  
Press@RunDepth: 84.24 psig @ 4451.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.11.08      End Date: 2007.11.09      Last Calib.: 2007.11.09  
Start Time: 20:09:03      End Time: 05:53:13      Time On Btm: 2007.11.08 @ 22:27:58  
Time Off Btm: 2007.11.09 @ 02:29:58

**TEST COMMENT:** IF Strong blow BOB in 5 1/2 mins.  
ISI Weak blow 1/2 - 1 "  
FF Strong blow BOB in 44 secs. GTS in 60 mins. TSTM  
FSI Weak blow 1/2 - 1 1/2 "



## PRESSURE SUMMARY

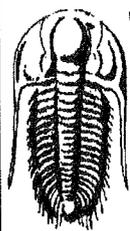
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.97	116.81	Initial Hydro-static
3	22.86	116.79	Open To Flow (1)
33	61.30	125.92	Shut-In (1)
92	1563.44	128.35	End Shut-In (1)
93	52.41	127.76	Open To Flow (2)
152	84.24	128.52	Shut-In (2)
241	1557.92	130.73	End Shut-In (2)
242	2130.38	131.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
122.00	GM&WCO 15%G 5%M 25%W 55%O	0.60
98.00	GM&OCW 12%G 20%M 28%O 40%W	0.82 OHMS@
0.00	47 deg.F.	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 30106

**DST#: 2**

ATTN: Jim Dilts

Test Start: 2007.11.08 @ 20:08:58

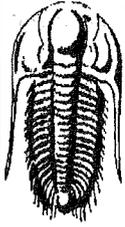
### Tool Information

Drill Pipe:	Length: 4243.00 ft	Diameter: 3.80 inches	Volume: 59.52 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: 23000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 81000.00 lb
			<u>Total Volume: 60.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4450.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			4423.00	
Shut In Tool	5.00			4428.00	
Hydraulic tool	5.00			4433.00	
Jars	5.00			4438.00	
Safety Joint	3.00			4441.00	
Packer	4.00			4445.00	28.00 Bottom Of Top Packer
Packer	5.00			4450.00	
Stubb	1.00			4451.00	
Recorder	0.00	8167	Inside	4451.00	
Recorder	0.00	8357	Inside	4451.00	
Perforations	5.00			4456.00	
Bullnose	5.00			4461.00	11.00 Bottom Packers & Anchor

**Total Tool Length: 39.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 30106                      **DST#: 2**

ATTN: Jim Dilts

Test Start: 2007.11.08 @ 20:08:58

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 56.00 sec/qt  
Water Loss: 11.98 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 6000.00 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: 40500 ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
122.00	GM&WCO 15%G 5%M 25%W 55%O	0.600
98.00	GM&OCW 12%G 20%M 28%O 40%W Rw .26	0.819
0.00	47 deg.F.	0.000

Total Length: 220.00 ft      Total Volume: 1,419 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8167

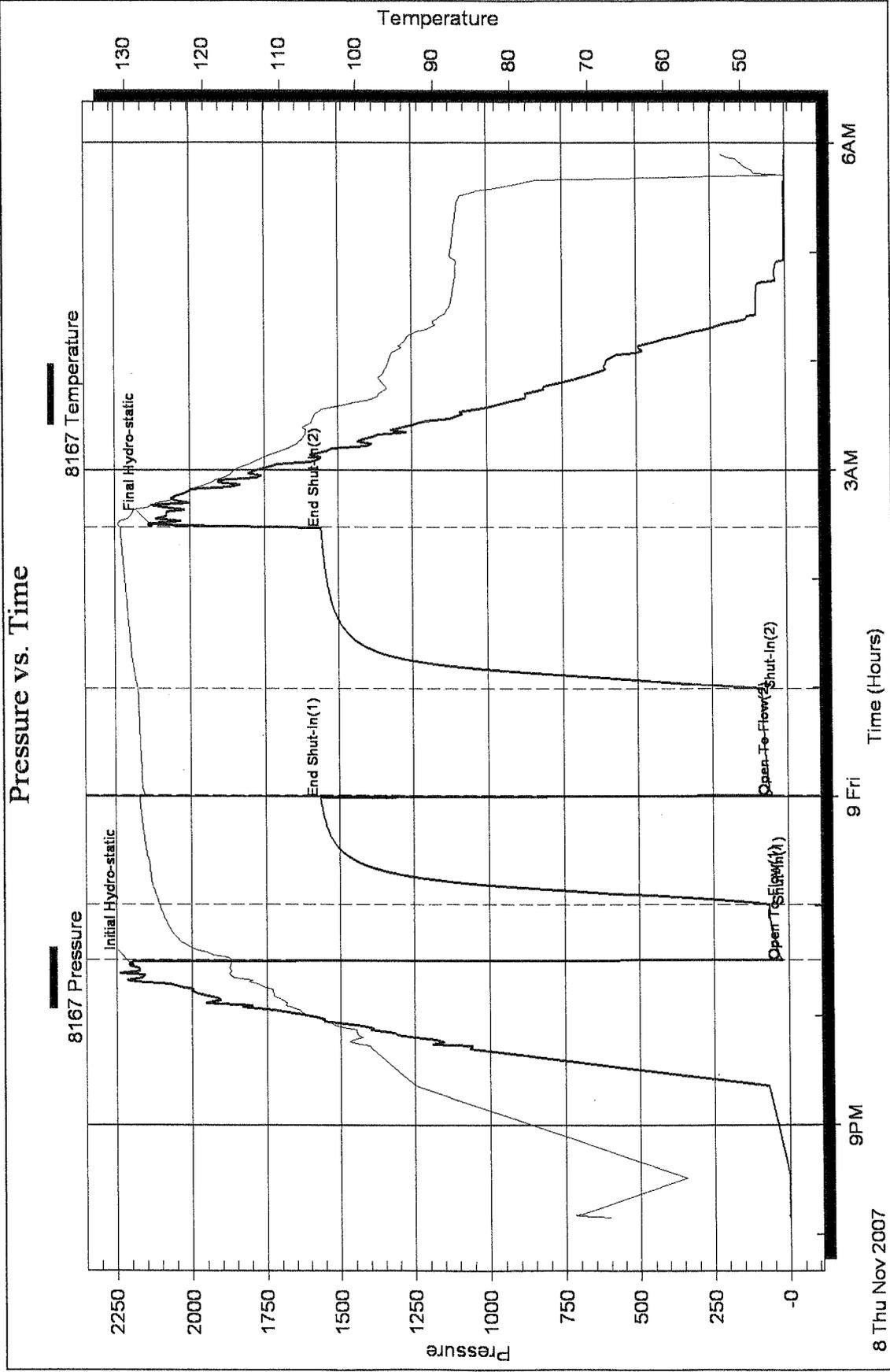
Inside

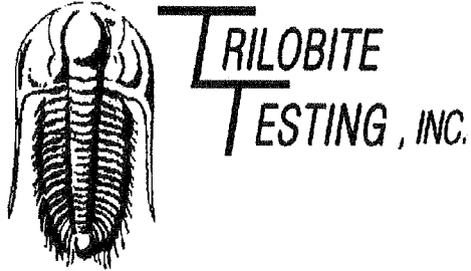
American Warrior Inc

35 33 6W Harper KS

DST Test Number: 2

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Jim Dilts

**35 33 6W Harper KS**

**Pulliam #1-35**

Start Date: 2007.11.10 @ 21:35:23

End Date: 2007.11.11 @ 06:20:53

Job Ticket #: 27992                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior Inc

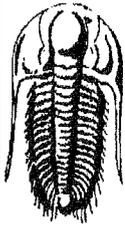
Pulliam #1-35

35 33 6W Harper KS

DST # 3

Simpson

2007.11.10



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Jim Dilts

**Pulliam #1-35**  
**35 33 6W Harper KS**  
Job Ticket: 27992      **DST#: 3**  
Test Start: 2007.11.10 @ 21:35:23

## GENERAL INFORMATION:

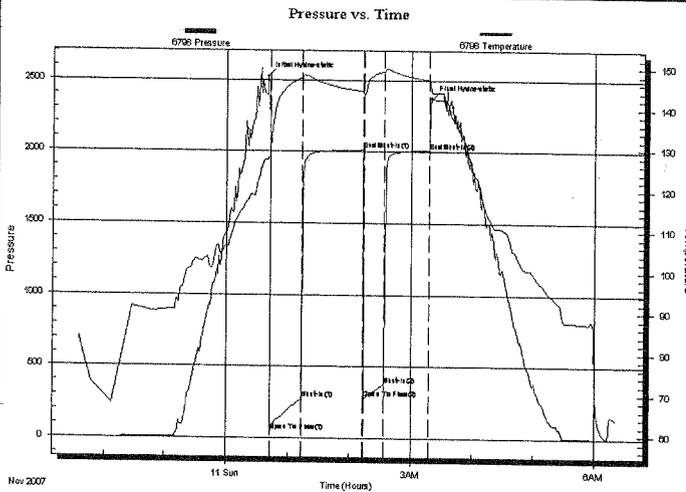
Formation: **Simpson**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 00:42:53  
Time Test Ended: 06:20:53  
Interval: **4915.00 ft (KB) To 4937.00 ft (KB) (TVD)**  
Total Depth: 4937.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Jerry Adams  
Unit No: 36  
Reference Elevations: 1284.00 ft (KB)  
1273.00 ft (CF)  
KB to GR/CF: 11.00 ft

## Serial #: 6798

Inside

Press@RunDepth: 376.76 psig @ 4916.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.11.10      End Date: 2007.11.11      Last Calib.: 2007.11.11  
Start Time: 21:35:24      End Time: 06:20:53      Time On Btm: 2007.11.11 @ 00:39:53  
Time Off Btm: 2007.11.11 @ 03:19:53

TEST COMMENT: IF Fair blow BOB in 8 mins.  
ISI Weak blow Built to 3 " decreased to 2 "  
FF Fair blow BOB in 12 mins.  
FSI Weak blow Built to 1 1/2 "



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2520.50	127.35	Initial Hydro-static
3	45.80	130.18	Open To Flow (1)
34	275.88	147.56	Shut-In(1)
93	2011.83	144.32	End Shut-In(1)
94	282.99	143.41	Open To Flow(2)
113	376.76	149.16	Shut-In(2)
158	2009.25	147.02	End Shut-In(2)
160	2372.35	144.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
320.00	SWCM 10%W 90%M	2.82
400.00	SMCW 90%W 10%M	5.61
0.00	RW= .060 @ 63 deg. 175000 ppm	0.00
0.00		0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 27992

**DST#: 3**

ATTN: Jim Dilts

Test Start: 2007.11.10 @ 21:35:23

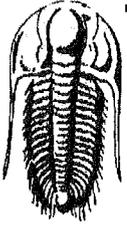
**Tool Information**

Drill Pipe:	Length: 4716.00 ft	Diameter: 3.80 inches	Volume: 66.15 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 67.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	4915.00 ft			Final 85000.00 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:				

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			4892.00	
Hydraulic tool	5.00			4897.00	
Jars	5.00			4902.00	
Safety Joint	3.00			4905.00	
Packer	5.00			4910.00	28.00 Bottom Of Top Packer
Packer	5.00			4915.00	
Stubb	1.00			4916.00	
Recorder	0.00	6798	Inside	4916.00	
Recorder	0.00	8358	Inside	4916.00	
Perforations	18.00			4934.00	
Bullnose	3.00			4937.00	22.00 Bottom Packers & Anchor

**Total Tool Length: 50.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc

**Pulliam #1-35**

PO Box 399  
Garden City KS 67846

**35 33 6W Harper KS**

Job Ticket: 27992

**DST#: 3**

ATTN: Jim Dilts

Test Start: 2007.11.10 @ 21:35:23

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7200.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	SWCM 10%W 90%M	2.822
400.00	SMCW 90%W 10%M	5.611
0.00	RV= .060 @ 63 deg. 175000 ppm	0.000
0.00		0.000

Total Length: 720.00 ft      Total Volume: 8.433 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

