

## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

P.O.Box 399  
Garden City Ks. 67846

ATTN: Scott Corsair

**34-16-12 Barton Ks.**

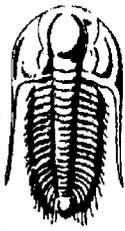
**Beran #1-34**

Start Date: 2005.02.01 @ 00:59:03

End Date: 2005.02.01 @ 06:25:18

Job Ticket #: 19925                      DST #: 1

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.  
 P.O.Box 399  
 Garden City Ks. 67846  
 ATTN: Scott Corsair

**Beran #1-34**  
**34-16-12 Barton Ks.**  
 Job Ticket: 19925      **DST#: 1**  
 Test Start: 2005.02.01 @ 00:59:03

## GENERAL INFORMATION:

Formation: **LKC A - F**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: **02:40:03**  
 Time Test Ended: **06:25:18**  
 Interval: **3070.00 ft (KB) To 3155.00 ft (KB) (TVD)**  
 Total Depth: **3155.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Gary Pevoteaux**  
 Unit No: **23**  
 Reference Elevations: **1884.00 ft (KB)**  
**1876.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

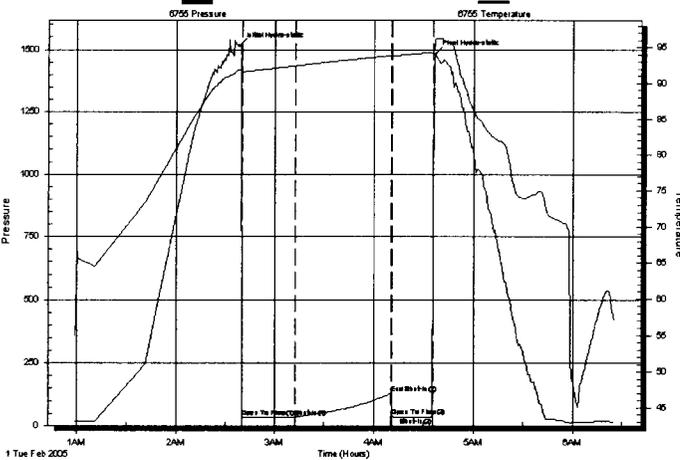
## Serial #: 6755

**Inside**

Press@RunDepth: **34.96 psig @ 3071.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2005.02.01** End Date: **2005.02.01** Last Calib.: **2005.02.01**  
 Start Time: **00:59:08** End Time: **06:25:17** Time On Btrm: **2005.02.01 @ 02:38:03**  
 Time Off Btrm: **2005.02.01 @ 04:36:48**

**TEST COMMENT:** F:Weak blow . 1/2" decreasing.  
 IS:No blow .  
 FF:No blow .

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1515.38	91.82	Initial Hydro-static
2	33.19	91.11	Open To Flow (1)
35	34.96	92.45	Shut-In(1)
93	129.67	93.85	End Shut-In(1)
93	36.39	93.81	Open To Flow (2)
118	35.21	94.30	Shut-In(2)
119	1482.62	96.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud w with oil specs	0.35

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

American Warrior Inc.  
P.O.Box 399  
Garden City Ks. 67846  
  
ATTN: Scott Corsair

**Beran #1-34**  
**34-16-12 Barton Ks.**  
Job Ticket: 19925      **DST#: 1**  
Test Start: 2005.02.01 @ 00:59:03

**Tool Information**

Drill Pipe:	Length: 3061.00 ft	Diameter: 3.80 inches	Volume: 42.94 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 67000.00 lb
			<u>Total Volume: 42.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3070.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	105.00 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			3051.00	
Shut In Tool	5.00			3056.00	
Hydraulic tool	5.00			3061.00	
Packer	4.00			3065.00	20.00      Bottom Of Top Packer
Packer	5.00			3070.00	
Stubb	1.00			3071.00	
Recorder	0.00	6755	Inside	3071.00	
Perforations	5.00			3076.00	
Change Over Sub	1.00			3077.00	
Blank Spacing	63.00			3140.00	
Change Over Sub	1.00			3141.00	
Perforations	9.00			3150.00	
Recorder	0.00	13222	Outside	3150.00	
Bullnose	5.00			3155.00	85.00      Bottom Packers & Anchor

**Total Tool Length: 105.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc.  
P.O.Box 399  
Garden City Ks. 67846  
ATTN: Scott Corsair

**Beran #1-34**  
**34-16-12 Barton Ks.**  
Job Ticket: 19925      **DST#: 1**  
Test Start: 2005.02.01 @ 00:59:03

**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:	4000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
25.00	Mud with oil specs	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 6755

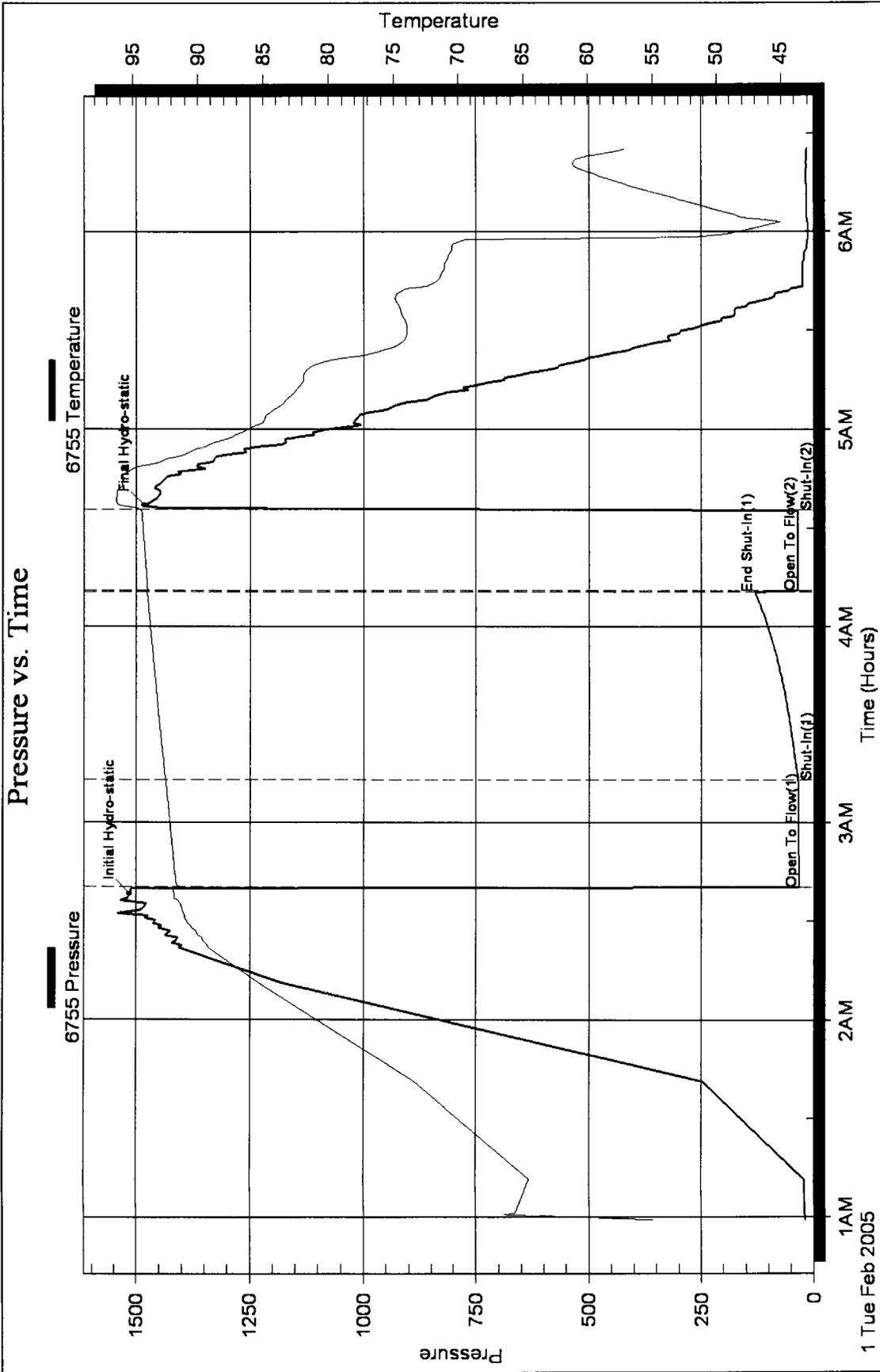
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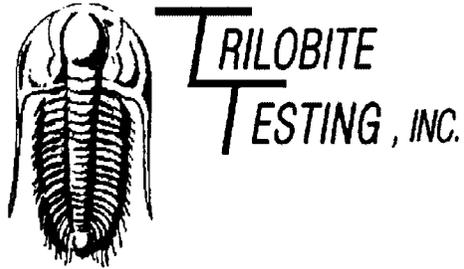
American Warrior Inc.

34-16-12 Barton Ks.

DST Test Number: 1

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

P.O.Box 399  
Garden City Ks. 67846

ATTN: Scott Corsair

**34-16-12 Barton Ks.**

**Beran #1-34**

Start Date: 2005.02.01 @ 23:33:38

End Date: 2005.02.02 @ 06:08:53

Job Ticket #: 20001                      DST #: 2

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.  
P.O.Box 399  
Garden City Ks. 67846  
ATTN: Scott Corsair

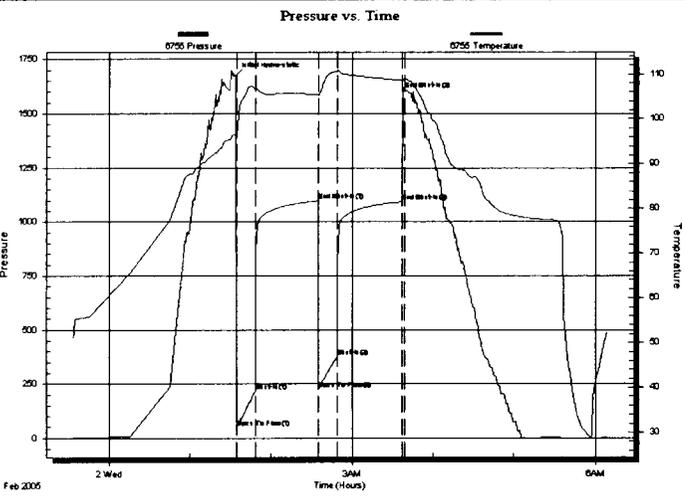
**Beran #1-34**  
**34-16-12 Barton Ks.**  
Job Ticket: 20001      DST#: 2  
Test Start: 2005.02.01 @ 23:33:38

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock:**                      ft (KB)  
Time Tool Opened: 01:34:53  
Time Test Ended: 06:08:53  
Interval: **3323.00 ft (KB) To 3365.00 ft (KB) (TVD)**  
Total Depth: **3155.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Poor**  
Test Type: **Conventional Bottom Hole**  
Tester: **Gary Pevoteaux**  
Unit No: **23**  
Reference Elevations: **1884.00 ft (KB)**  
**1876.00 ft (CF)**  
KB to GRVCF: **8.00 ft**

**Serial #: 6755      Inside**  
Press@RunDepth: **375.05 psig @ 3324.00 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2005.02.01**      End Date: **2005.02.02**      Last Calib.: **2005.02.02**  
Start Time: **23:33:43**      End Time: **06:08:52**      Time On Btm: **2005.02.02 @ 01:33:23**  
Time Off Btm

TEST COMMENT: F: Strong blow . B.O.B. in 2 mins.  
IS: No blow .  
FF: Strong blow . B.O.B. in 2 1/2 mins.  
FS: No blow .



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.82	96.47	Initial Hydro-static
2	47.60	96.35	Open To Flow (1)
16	217.40	106.73	Shut-In(1)
62	1096.59	105.39	End Shut-In(1)
62	225.33	105.24	Open To Flow (2)
76	375.05	110.61	Shut-In(2)
124	1093.12	108.52	End Shut-In(2)
126	1611.53	108.95	End Shut-In(3)

### Recovery

Length (ft)	Description	Volume (bbl)
100.00	Mud with oil specs	1.40
360.00	SOCMW 4%o 21% m 75%w	5.05
355.00	SOCW 1%o 99%w R w .31 ohmsw @ 34.98j	

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc.  
P.O.Box 399  
Garden City Ks. 67846  
ATTN: Scott Corsair

**Beran #1-34**  
**34-16-12 Barton Ks.**  
Job Ticket: 20001      **DST#: 2**  
Test Start: 2005.02.01 @ 23:33:38

**Tool Information**

Drill Pipe:	Length: 3313.00 ft	Diameter: 3.80 inches	Volume: 46.47 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 46.47 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3323.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 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			3304.00	
Shut In Tool	5.00			3309.00	
Hydraulic tool	5.00			3314.00	
Packer	4.00			3318.00	20.00      Bottom Of Top Packer
Packer	5.00			3323.00	
Stubb	1.00			3324.00	
Recorder	0.00	6755	Inside	3324.00	
Perforations	3.00			3327.00	
Change Over Sub	1.00			3328.00	
Blank Spacing	31.00			3359.00	
Change Over Sub	1.00			3360.00	
Recorder	0.00	13222	Outside	3360.00	
Bullnose	5.00			3365.00	42.00      Bottom Packers & Anchor

**Total Tool Length: 62.00**



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# DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

**Beran #1-34**

P.O.Box 399  
Garden City Ks. 67846

**34-16-12 Barton Ks.**

Job Ticket: 20001

**DST#: 2**

ATTN: Scott Corsair

Test Start: 2005.02.01 @ 23:33:38

## 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:	42000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Mud with oil specs	1.403
360.00	SOCMV 4% 0.21% m 75% w	5.050
355.00	SOCV 1% 0.99% w Rw .31 ohm sw @ 38 dex	4.980

Total Length: 815.00 ft      Total Volume: 11.433 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

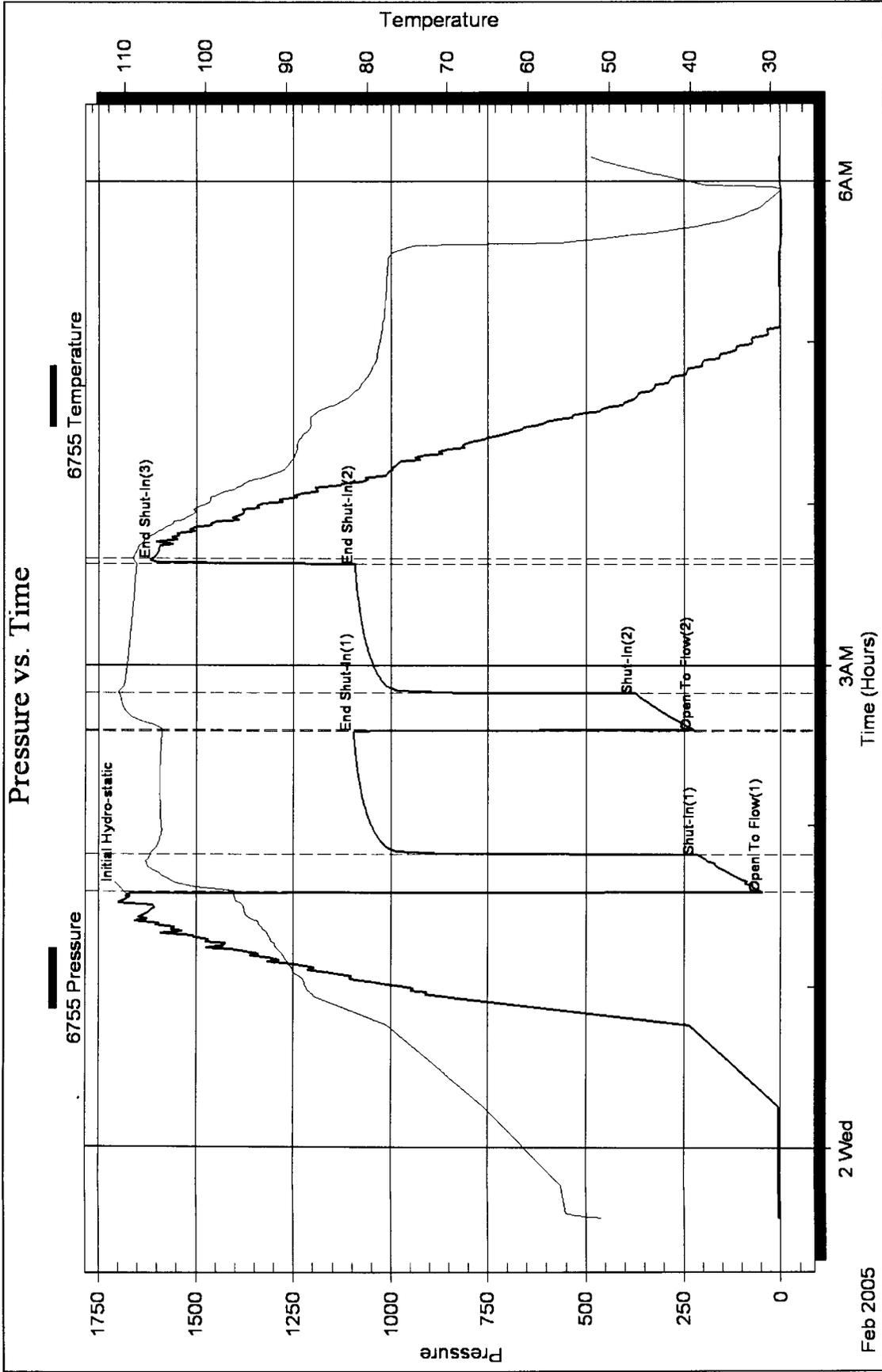
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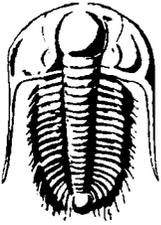
American Warrior Inc.

34-16-12 Barton Ks.

DST Test Number: 2

### Pressure vs. Time





# TRIOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

TNW  
7172

No 19925

05/03

## Test Ticket

Well Name & No. Beran # 1-34 Test No. 1 Date 2-1-05  
 Company American Warrior Inc. Zone Tested LKC A-F  
 Address P.O. Box 399, Garden City Ks. 67846 Elevation 1884 KB 1876 GL  
 Co. Rep / Geo. Scott Conner Cont. Duke Dalg #8 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 34 Twp. 16S Rge. 12W Co. Barton State Ka  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 3070 - 3155' Initial Str Wt./Lbs. 50000 Unseated Str Wt./Lbs. 50,000  
 Anchor Length 85' Wt. Set Lbs. 20000# Wt. Pulled Loose/Lbs. 67,000  
 Top Packer Depth 3045' Tool Weight 2100#  
 Bottom Packer Depth 3070' Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 3155' Wt. Pipe Run None Drill Collar Run None  
 Mud Wt. 8.9 LCM ~ Vis. 47 WL 8.0cc Drill Pipe Size 4 1/2" Ft. Run 3061'  
 Blow Description IF: Winks below 1/2" decreasing. ISI: No below.

FF: No blow

Recovery - Total Feet 25 GIP 0 Ft. in DC 0 Ft. in DP 25  
 Rec. 25 Feet of Mud @ oil spec %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 99 °F Gravity N/A °API D @ \_\_\_\_\_ °F Corrected Gravity N/A °API  
 RW NL @ \_\_\_\_\_ °F Chlorides 4,000 ppm Recovery \_\_\_\_\_ Chlorides 4,000 ppm System

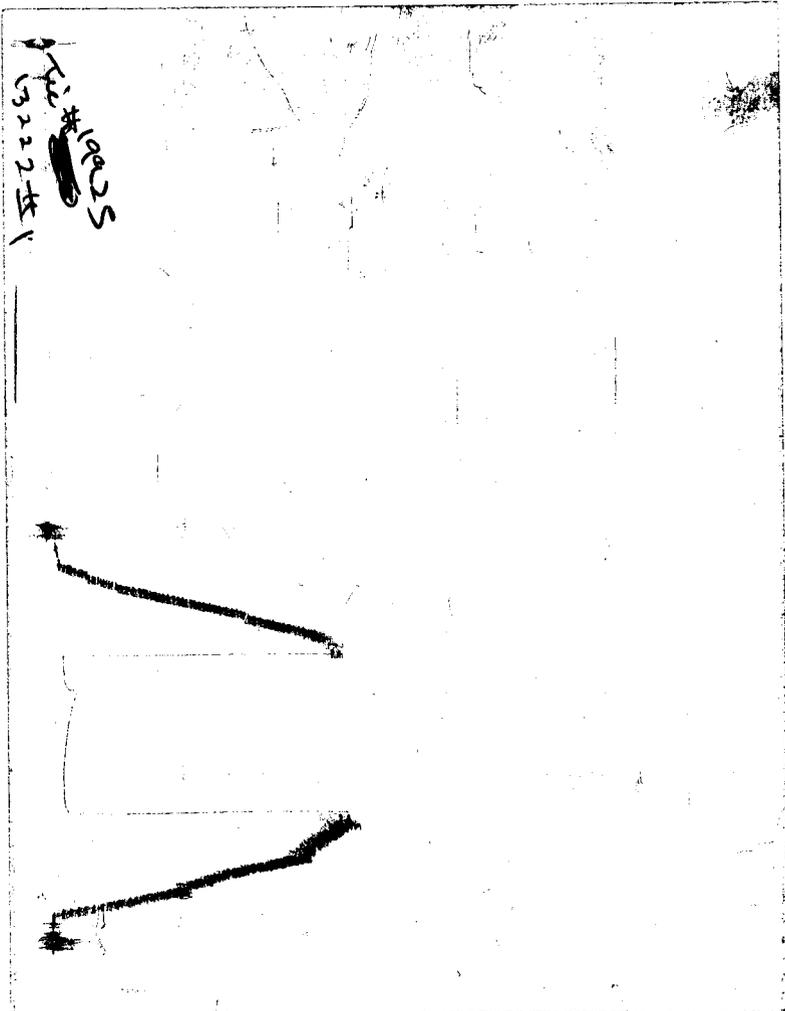
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1515</u>	PSI	<u>6755</u>	<u>9000°</u>
(B) First Initial Flow Pressure	<u>33</u>	PSI	<u>3071'</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure	<u>35</u>	PSI	<u>13227</u>	Jars _____
(D) Initial Shut-In Pressure	<u>130</u>	PSI	<u>3150'</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>36</u>	PSI	<u>---</u>	Circ Sub _____
(F) Second Final Flow Pressure	<u>35</u>	PSI	<u>---</u>	Sampler _____
(G) Final Shut-In Pressure	<u>NONE</u>	PSI	<u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1483</u>	PSI	<u>60</u>	Ext. Packer _____
			<u>22</u>	Shale Packer _____
			<u>NONE</u>	Mileage <u>150°</u>
			<u>0020</u>	Sub Total: <u>1050°</u>
			<u>0059</u>	Std. By _____
			<u>0240</u>	Other _____
			<u>0434</u>	Total: <u>✓ 1050°</u>
			<u>0625</u>	

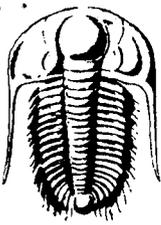
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Approved By \_\_\_\_\_  
 Our Representative \_\_\_\_\_

**CHART PAGE**

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20001

05/03

## Test Ticket

Well Name & No. Benam #1-34 Test No. 2 Date 2-1-05  
 Company American Warrior Inc. Zone Tested Arbuckle  
 Address P.O. Box 399, Garden City, Mo 64846 Elevation 1884 KB 1876 GL  
 Co. Rep / Geo. Scott Corsair Cont. Duke Delg II Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 34 Twp. 16S Rge. 12W Co. Barton State Mo  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 3323 - 3365' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 55,000  
 Anchor Length \_\_\_\_\_ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 31,000  
 Top Packer Depth 3318' Tool Weight 2100#  
 Bottom Packer Depth 3323' Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 3365' Wt. Pipe Run None Drill Collar Run None  
 Mud Wt. 2.1 LCM ~ Vis. 52 WL 8.8cc Drill Pipe Size 4 1/2" Ft. Run 3313'  
 Blow Description IF. Strong below, B.O.B. in 2 mins. FSI: No below  
FF: Strong below, B.O.B. in 2 1/2 mins. FSI: No below

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>815</u>	<u>Trace</u>	<u>0</u>	<u>815</u>
Rec. <u>100</u> Feet of <u>Mud @ oil spec.</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>360</u> Feet of <u>SOCMW</u>	%gas <u>4</u> %oil <u>75</u> %water <u>21</u> %mud _____		
Rec. <u>355</u> Feet of <u>SOCW</u>	%gas <u>1</u> %oil _____ %water <u>99</u> %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
BHT <u>109</u> °F Gravity <u>N/A</u> °API D @ _____ °F Corrected Gravity <u>N/A</u> °API			
RW <u>.31</u> @ <u>38</u> °F Chlorides <u>42,000</u> ppm Recovery _____ Chlorides <u>5,000</u> ppm System			

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1674</u> PSI	<u>6255</u>	<u>900</u>
(B) First Initial Flow Pressure		<u>48</u> PSI	<u>3324'</u>	<u>✓</u>
(C) First Final Flow Pressure		<u>217</u> PSI	<u>13222</u>	
(D) Initial Shut-In Pressure		<u>1097</u> PSI	<u>3360'</u>	
(E) Second Initial Flow Pressure		<u>225</u> PSI	<u>~</u>	
(F) Second Final Flow Pressure		<u>375</u> PSI	<u>~</u>	
(G) Final Shut-In Pressure		<u>1093</u> PSI	<u>Initial Opening</u>	
(Q) Final Hydrostatic Mud		<u>1412</u> PSI	<u>Initial Shut-In</u>	

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Approved By \_\_\_\_\_  
 Our Representative Craig P. Wolcott

Final Flow	<u>15</u>	Shale Packer	_____
Final Shut-In	<u>45</u>	Mileage	<u>✓ 150</u>
T-On Location	<u>2320</u>	Sub Total:	<u>1050</u>
T-Started	<u>2333</u>	Std. By	_____
T-Open	<u>0134</u>	Other	_____
T-Pulled	<u>0334</u>	Total:	<u>1050<sup>00</sup></u>
T-Out	<u>0608</u>		