

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67845

ATTN: Scott Corsair

15-16s-12w-Barton

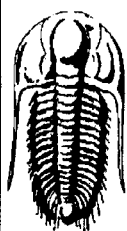
Hofmeister #2

Start Date: 2005.02.10 @ 17:00:24

End Date: 2005.02.11 @ 01:33:09

Job Ticket #: 20260 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.

PO Box 399
Garden City, KS 67845

ATTN: Scott Corsair

Hofmeister #2

15-16s-12w-Barton

Job Ticket: 20260

DST#: 1

Test Start: 2005.02.10 @ 17:00:24

GENERAL INFORMATION:

Formation: **LKC-"A-F"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 18:41:24

Time Test Ended: 01:33:09

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **3051.00 ft (KB) To 3138.00 ft (KB) (TVD)**

Total Depth: **3138.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **1890.00 ft (KB)**

1878.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 6741

Inside

Press@RunDepth: **37.36 psig @ 3053.00 ft (KB)**

Start Date: **2005.02.10**

End Date:

2005.02.11

Start Time: **17:00:26**

End Time:

01:33:09

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.02.10 @ 18:41:09**

Time Off Btm: **2005.02.10 @ 22:12:24**

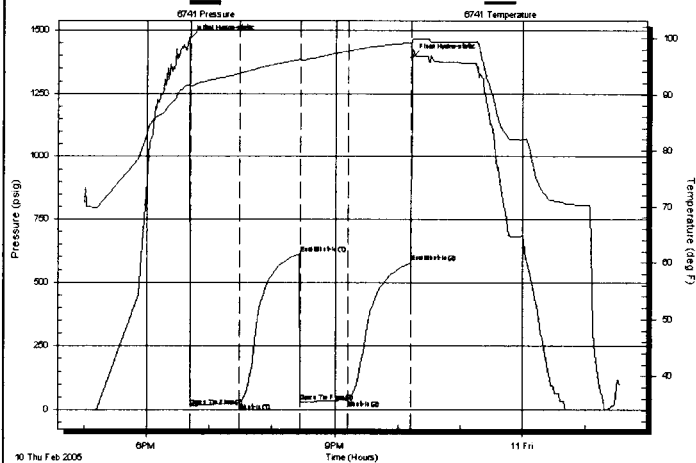
TEST COMMENT: **IFP-Weak Blow , Built to 4-1/2"**

ISI-Dead

FFP-Weak Blow , Built to 3"

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

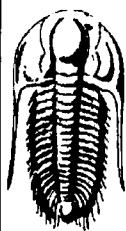
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1466.79	91.68	Initial Hydro-static
1	12.85	91.42	Open To Flow (1)
48	25.77	93.70	Shut-In(1)
106	612.97	96.20	End Shut-In(1)
106	29.58	96.06	Open To Flow (2)
151	37.36	97.69	Shut-In(2)
211	577.40	99.18	End Shut-In(2)
212	1393.57	99.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud With Oil Spots in Tool	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

Hofmeister #2

PO Box 399
Garden City, KS 67845

15-16s-12w-Barton

Job Ticket: 20260

DST#: 1

ATTN: Scott Corsair

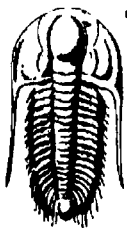
Test Start: 2005.02.10 @ 17:00:24

Tool Information

Drill Pipe:	Length:	3061.00 ft	Diameter:	3.80 inches	Volume:	42.94 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	54000.00 lb
					Total Volume:	42.94 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft						String Weight: Initial	50000.00 lb
Depth to Top Packer:	3051.00 ft						Final	50000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	87.00 ft							
Tool Length:	108.00 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			3031.00	
Shut In Tool	5.00			3036.00	
Hydraulic tool	5.00			3041.00	
Packer	5.00			3046.00	21.00 Bottom Of Top Packer
Packer	5.00			3051.00	
Stubb	1.00			3052.00	
Perforations	1.00			3053.00	
Recorder	0.00	6741	Inside	3053.00	
Change Over Sub	1.00			3054.00	
Blank Spacing	63.00			3117.00	
Change Over Sub	1.00			3118.00	
Perforations	17.00			3135.00	
Recorder	0.00	13221	Outside	3135.00	
Bullnose	3.00			3138.00	87.00 Bottom Packers & Anchor

Total Tool Length: 108.00



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FLUID SUMMARY

American Warrior Inc.

Hofmeister #2

PO Box 399
Garden City, KS 67845

15-16s-12w-Barton

Job Ticket: 20260

DST#: 1

ATTN: Scott Corsair

Test Start: 2005.02.10 @ 17:00:24

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud With Oil Spots in Tool	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

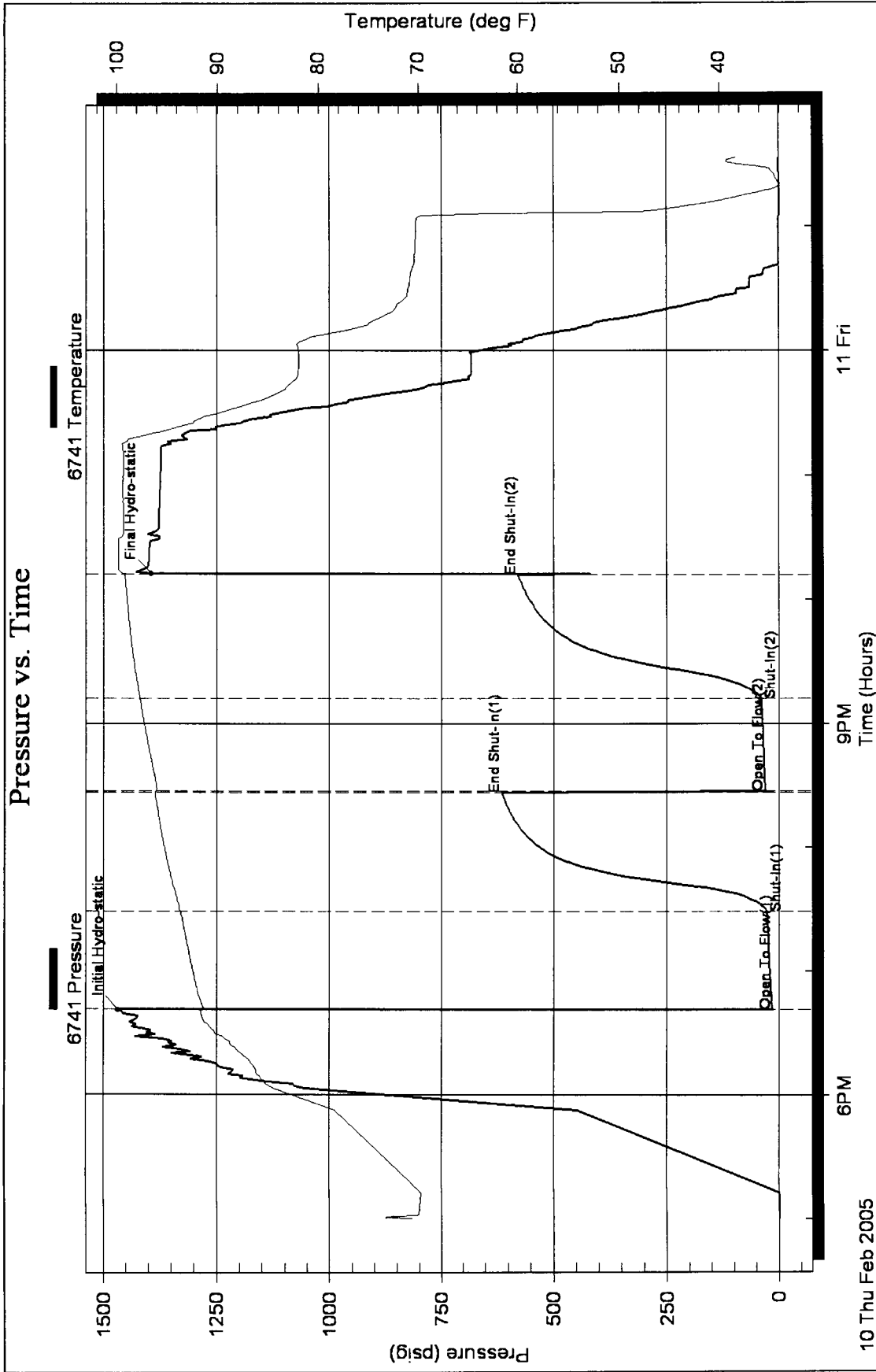
Serial #: 6741

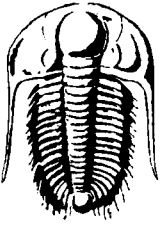
Inside

American Warrior Inc.

15-16s-12w-Barton

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV
7190

No 20260

05/03

Test Ticket

Well Name & No. <u>Hoffmeister #2</u>	Test No. <u>1</u>	Date <u>2-10-05</u>
Company <u>American Warrior Inc. 67845</u>	Zone Tested <u>LKC "A-F"</u>	
Address <u>PO Box 399, Garden City, Ks.</u>	Elevation <u>1890</u> KB <u>1878</u> GL	
Co. Rep / Geo. <u>Scott Corsair</u>	Cont. <u>Duke #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>15</u> Twp. <u>16S</u> Rge. <u>12W</u> Co. <u>Barton</u> State <u>Ks</u>		
No. of Copies <u>Reg</u> Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>3051-3138</u>	Initial Str Wt./Lbs. <u>50,000</u>	Unseated Str Wt./Lbs. <u>50,000</u>
Anchor Length <u>87'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>54,000</u>
Top Packer Depth <u>3046</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3051</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3138</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>0</u>
Mud Wt. <u>8.7</u> LCM <u>0</u> Vis. <u>47</u> WL _____	Drill Pipe Size <u>4 1/2 X 14</u>	Ft. Run <u>3061</u>
Blow Description <u>IFP - Weak Blow, Built to 4 1/2"</u>		
<u>TSI - Dead</u>		
<u>FIFP - Weak Blow, Built to 3"</u>		
<u>FSI - Dead</u>		

Recovery - Total Feet <u>60</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>60</u>	Feet of <u>Mud w/oil spots</u>	%gas _____	%oil _____
Rec. _____	Feet of <u>in tool</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT _____	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____	@ _____ °F	Chlorides _____ ppm	Recovery _____ Chlorides <u>1600</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>1467</u> PSI	Alpine <u>1467</u> PSI	Recorder No. <u>6741</u>	Test <u>✓</u>
(B) First Initial Flow Pressure	<u>13</u> PSI	<u>13</u> PSI	(depth) <u>3054</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure	<u>26</u> PSI	<u>26</u> PSI	Recorder No. <u>13221</u>	Jars _____
(D) Initial Shut-In Pressure	<u>613</u> PSI	<u>613</u> PSI	(depth) <u>3135</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>30</u> PSI	<u>30</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>37</u> PSI	<u>37</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>577</u> PSI	<u>577</u> PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1394</u> PSI	<u>1394</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>108</u>
			T-On Location <u>16:00</u>	Sub Total: <u>1008.00</u>
			T-Started <u>17:00</u>	Std. By _____
			T-Open <u>18:41</u>	Other _____
			T-Pulled <u>22:11</u>	Total: _____
			T-Out <u>1:20</u>	

Approved By _____

Our Representative Jason McLammon *Thank you*

CHART PAGE

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

