

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

P.O.Box 399
Garden city, Ks. 67845-0399

ATTN: Cicel O'Brate

2--17s--12w

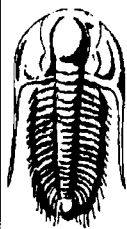
Hoffman # 7

Start Date: 2005.02.21 @ 16:47:10

End Date: 2005.02.22 @ 02:24:40

Job Ticket #: 21223 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.

Hoffman # 7

P.O.Box 399
Garden city, Ks. 67845-0399

2-17s-12w

Job Ticket: 21223

DST#: 1

ATTN: Cicel O'Brate

Test Start: 2005.02.21 @ 16:47:10

GENERAL INFORMATION:

Formation: L.Kc.-C & D

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:05:40

Time Test Ended: 02:24:40

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: 3060.00 ft (KB) To 3145.00 ft (KB) (TVD)

Total Depth: 3145.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1882.00 ft (KB)

1874.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6672 Inside

Press@RunDepth: 317.69 psig @ 3063.00 ft (KB)

Start Date: 2005.02.21

End Date:

2005.02.22

Capacity: 7000.00 psig

Last Calib.: 2005.02.22

Start Time: 16:47:11

End Time:

02:24:40

Time On Btm: 2005.02.21 @ 19:05:10

Time Off Btm: 2005.02.21 @ 22:49:40

TEST COMMENT: IF-Strong B.O.B.1 min.G.T.S 30 min.

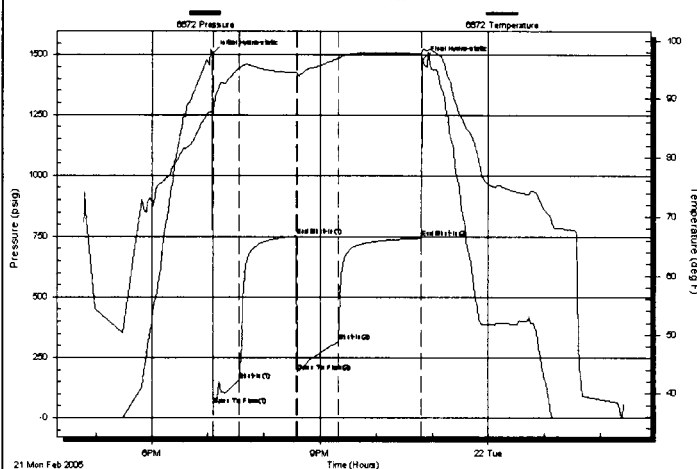
FF-Strong B.O.B.1 min.

Gas will burn.T.S.T.G.

ISI-Strong B.O.B.2 min.

FSI-Strong B.O.B.2 min.

Pressure vs. Time



PRESSURE SUMMARY

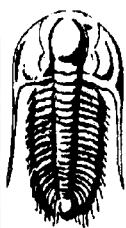
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.97	87.82	Initial Hydro-static
1	52.30	87.41	Open To Flow (1)
29	154.97	95.29	Shut-In(1)
90	751.42	94.44	End Shut-In(1)
91	191.36	94.23	Open To Flow (2)
135	317.69	96.98	Shut-In(2)
223	743.49	97.76	End Shut-In(2)
225	1481.06	98.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
560.00	GMCO-30%G-20%M-50%O	7.86
300.00	Gassy oil 30%G-70%oil	4.21

Gas Rates

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

American Warrior, Inc.

Hoffman # 7

P.O.Box 399
Garden city, Ks. 67845-0399

2-17s-12w

Job Ticket: 21223

DST#: 1

ATTN: Ciel O'Brate

Test Start: 2005.02.21 @ 16:47:10

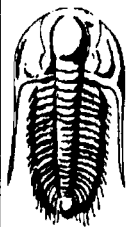
Tool Information

Drill Pipe:	Length:	3064.00 ft	Diameter:	3.80 inches	Volume:	42.98 bbl	Tool Weight:	2200.00 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:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	42.98 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		24.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		3060.00 ft					Final	55000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3041.00	
Shut In Tool	5.00			3046.00	
Hydraulic tool	5.00			3051.00	
Packer	4.00			3055.00	20.00 Bottom Of Top Packer
Packer	5.00			3060.00	
Stubb	1.00			3061.00	
Perforations	1.00			3062.00	
Change Over Sub	1.00			3063.00	
Recorder	0.00	6672	Inside	3063.00	
Blank Spacing	63.00			3126.00	
Change Over Sub	1.00			3127.00	
Recorder	0.00	11084	Outside	3127.00	
Perforations	15.00			3142.00	
Bullnose	3.00			3145.00	85.00 Bottom Packers & Anchor

Total Tool Length: 105.00



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FLUID SUMMARY

American Warrior, Inc.

Hoffman # 7

P.O.Box 399
Garden city, Ks. 67845-0399

2-17s-12w

Job Ticket: 21223

DST#: 1

ATTN: Cicel O'Brate

Test Start: 2005.02.21 @ 16:47:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl.

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
560.00	GMCO-30%G-20%M-50%O	7.855
300.00	Gassy oil 30%G-70%oil	4.208

Total Length: 860.00 ft

Total Volume: 12.063 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

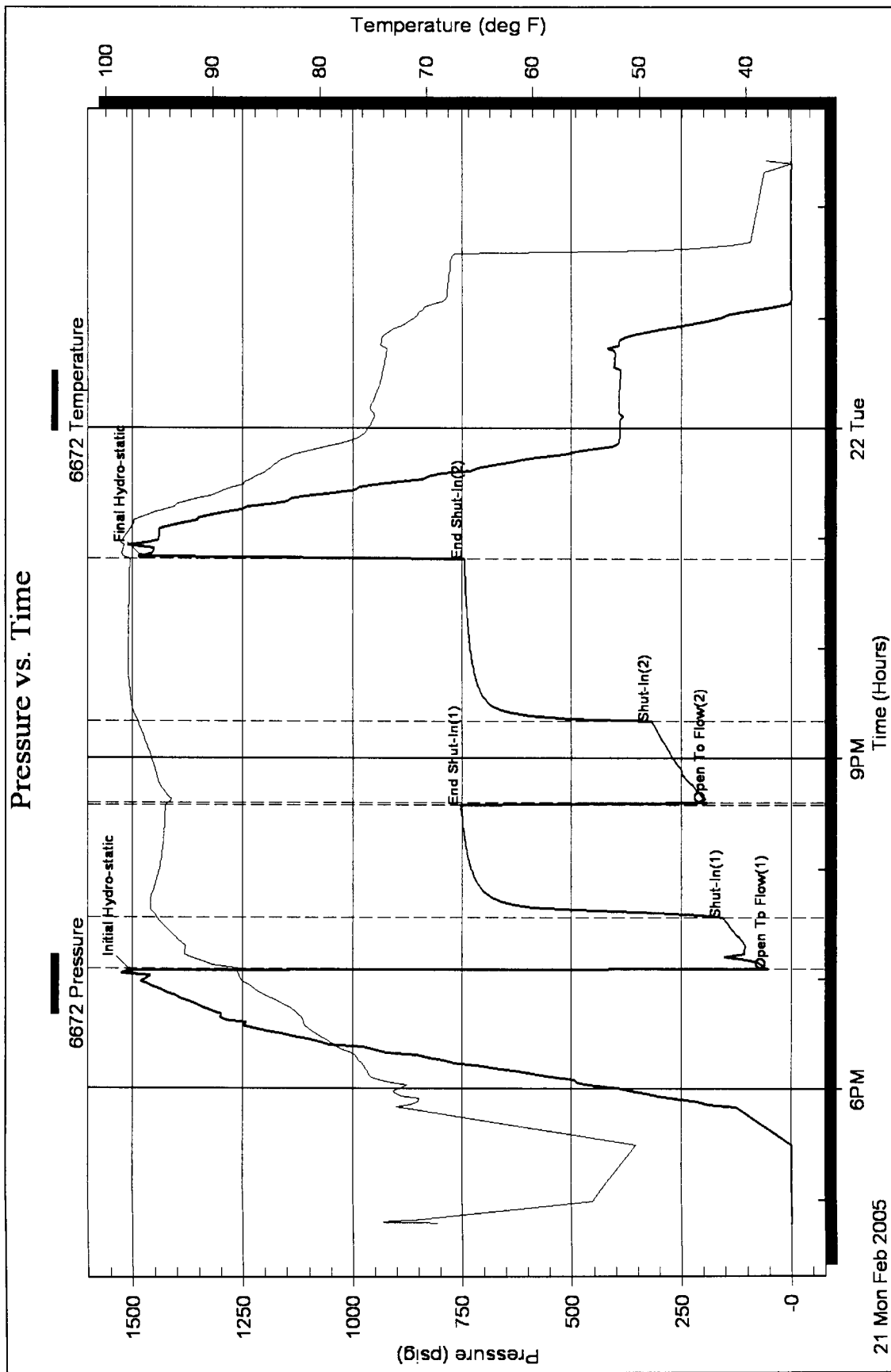
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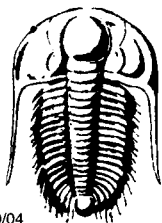
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21223

INV
19717

Test Ticket

Well Name & No. <u>HOFFMAN #7</u>	Test No. <u>#1</u>	Date <u>2-21-05</u>
Company <u>AMERICAN WARRIOR, INC.</u>	Zone Tested <u>L. K. C & D</u>	
Address <u>P.O. Box 399 GARDEN CITY, KS. 67845-0399</u>	Elevation <u>1882</u> KB <u>1874</u> GL	
Co. Rep / Geo. <u>SCOTT CORSAIR</u>	Cont. <u>DUKE #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>2</u> Twp. <u>17S</u> Rge. <u>12W</u> Co. <u>BARTON</u> State <u>KS.</u>		
No. of Copies _____	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3060 To 3145 Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length 85' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3055' Tool Weight 2,200
 Bottom Packer Depth 3060' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3145 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 8.9 LCM 0 Vis. 50 WL 9.6 Drill Pipe Size 4 1/2 XH Ft. Run 3064
 Blow Description IF - STRONG B.O.B. 1-min. G.T.S. 30-min. ISI STRONG
B.O.B. 2-min. FF - STRONG B.O.B. 1-min. FSI - STRONG B.O.B.
2-min.

GAS WILL BURN - T.S, T.G.

Recovery - Total Feet <u>860</u>	GIP <u>SURFACE</u>	Ft. in DC <u>0</u>	Ft. in DP <u>860</u>
Rec. <u>560</u>	Feet of <u>G.M.C.O</u>	30 %gas	50 %oil
Rec. <u>300</u>	Feet of <u>GASSY OIL</u>	30 %gas	70 %oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>97</u>	°F Gravity <u>40</u>	°API D @ <u>60</u>	°F Corrected Gravity <u>40</u>
RW <u>-</u>	@ <u>-</u>	°F Chlorides <u>-</u> ppm Recovery <u>-</u>	Chlorides <u>6,000</u> ppm System

(A) Initial Hydrostatic Mud	<u>1506</u> PSI	Recorder No. <u>6672</u>	Test <u>B. HOLE 900</u>
(B) First Initial Flow Pressure	<u>52</u> PSI	(depth) <u>3063</u>	Jars _____
(C) First Final Flow Pressure	<u>154</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>751</u> PSI	(depth) <u>3127</u>	Circ Sub <u>✓ 35</u>
(E) Second Initial Flow Pressure	<u>191</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>317</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>743</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1481</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>45</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <u>R.T. 118/118</u>

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Approved By Scott Corsair
 Our Representative John J. Schmidt

T-On Location	<u>15:30</u>	Sub Total:	<u>1053</u>
T-Started	<u>16:47</u>	Std. By <u>3hr</u>	<u>90</u>
T-Open	<u>19:05</u>	Other _____	
T-Pulled	<u>22:49</u>	Total:	<u>\$ 1143</u>
T-Out	<u>02:24</u>		

CHART PAGE

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

