

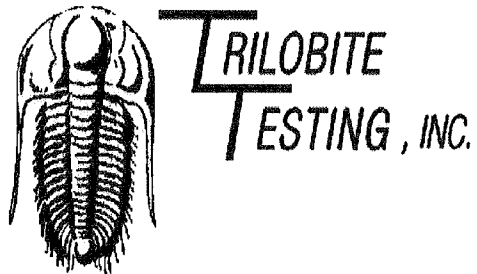
15-083-21639

10-21s-25w

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 24 2010

CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

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

P.O. Box 399
Garden City, KS 67846

ATTN: Jason Alm

10 21 25 Hodgeman KS

Nuss #1-10

Start Date: 2010.05.04 @ 15:40:29

End Date: 2010.05.04 @ 23:44:53

Job Ticket #: 38174 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2010.05.14 @ 13:39:59 Page 1

ORIGINAL

American Warrior, Inc.

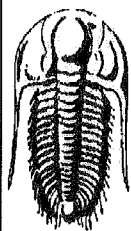
Nuss #1-10

10 21 25 Hodgeman KS

DST # 1

Miss

2010.05.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

P.O. Box 399
Garden City, KS 67846

ATTN: Jason Alm

Nuss #1-10

10 21 25 Hodgeman KS

Job Ticket: 38174

DST#: 1

Test Start: 2010.05.04 @ 15:40:29

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:08:24

Time Test Ended: 23:44:53

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4340.00 ft (KB) To 4415.00 ft (KB) (TVD)**

Total Depth: 4415.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2319.00 ft (KB)

2308.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8647

Inside

Press@RunDepth: 169.77 psig @ 4343.00 ft (KB)

Start Date: 2010.05.04

End Date:

2010.05.04

Start Time: 15:40:29

End Time:

23:44:53

Capacity: 8000.00 psig

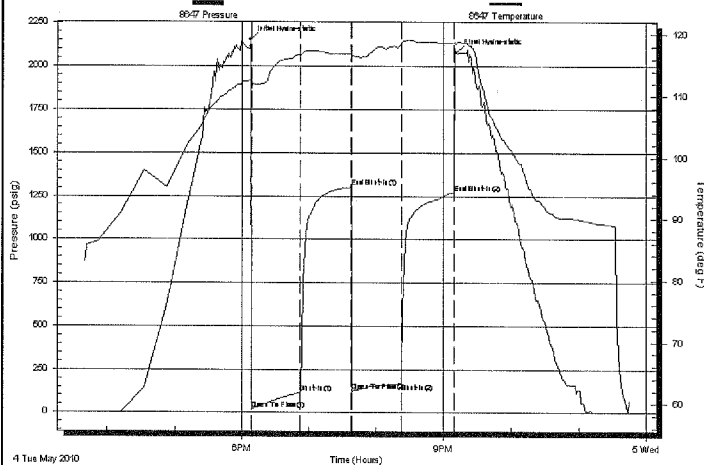
Last Calib.: 2010.05.04

Time On Btm: 2010.05.04 @ 18:07:24

Time Off Btm: 2010.05.04 @ 21:11:53

TEST COMMENT: IFP - weak to strong blow 1/4" - 9"
ISI - no blow back
FFP - no blow 3 min to good blow 6"
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.53	112.48	Initial Hydro-static
1	22.15	111.20	Open To Flow (1)
45	116.16	116.77	Shut-In(1)
90	1301.18	116.83	End Shut-In(1)
91	122.77	116.55	Open To Flow (2)
135	169.77	118.45	Shut-In(2)
183	1272.69	118.66	End Shut-In(2)
185	2081.19	118.45	Final Hydro-static

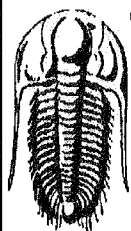
Recovery

Length (ft)	Description	Volume (bbl)
120.00	GHOCM 15%G, 35%O, 50%M	0.59
245.00	GMCO 25%G, 45%O, 30%M	1.73
0.00	95' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

Nuss #1-10

P.O. Box 399
Garden City, KS 67846

10 21 25 Hodgeman KS

Job Ticket: 38174

DST#: 1

ATTN: Jason Alm

Test Start: 2010.05.04 @ 15:40:29

Tool Information

Drill Pipe:	Length:	4010.00 ft	Diameter:	3.80 inches	Volume:	56.25 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:	307.00 ft	Diameter:	2.25 inches	Volume:	1.51 bbl	Weight to Pull Loose:	10000.00 lb
					<u>Total Volume:</u>	<u>57.76 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:		4.00 ft					String Weight: Initial	82000.00 lb
Depth to Top Packer:		4340.00 ft					Final	83000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		75.00 ft						
Tool Length:		102.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00			4323.00	
Jars	5.00			4328.00	
Safety Joint	2.00			4330.00	
Packer	5.00			4335.00	27.00 Bottom Of Top Packer
Packer	5.00			4340.00	
Stubb	1.00			4341.00	
Perforations	1.00			4342.00	
Change Over Sub	1.00			4343.00	
Recorder	0.00	8647	Inside	4343.00	
Recorder	0.00	8371	Outside	4343.00	
Blank Spacing	63.00			4406.00	
Change Over Sub	1.00			4407.00	
Perforations	5.00			4412.00	
Bullnose	3.00			4415.00	75.00 Bottom Packers & Anchor

Total Tool Length: 102.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

Nuss #1-10

P.O. Box 399
Garden City, KS 67846

10 21 25 Hodgeman KS

Job Ticket: 38174

DST#: 1

ATTN: Jason Alm

Test Start: 2010.05.04 @ 15:40:29

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GHOCM 15%G, 35%O, 50%M	0.590
245.00	GMCO 25%G, 45%O, 30%M	1.733
0.00	95' GIP	0.000

Total Length: 365.00 ft

Total Volume: 2.323 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

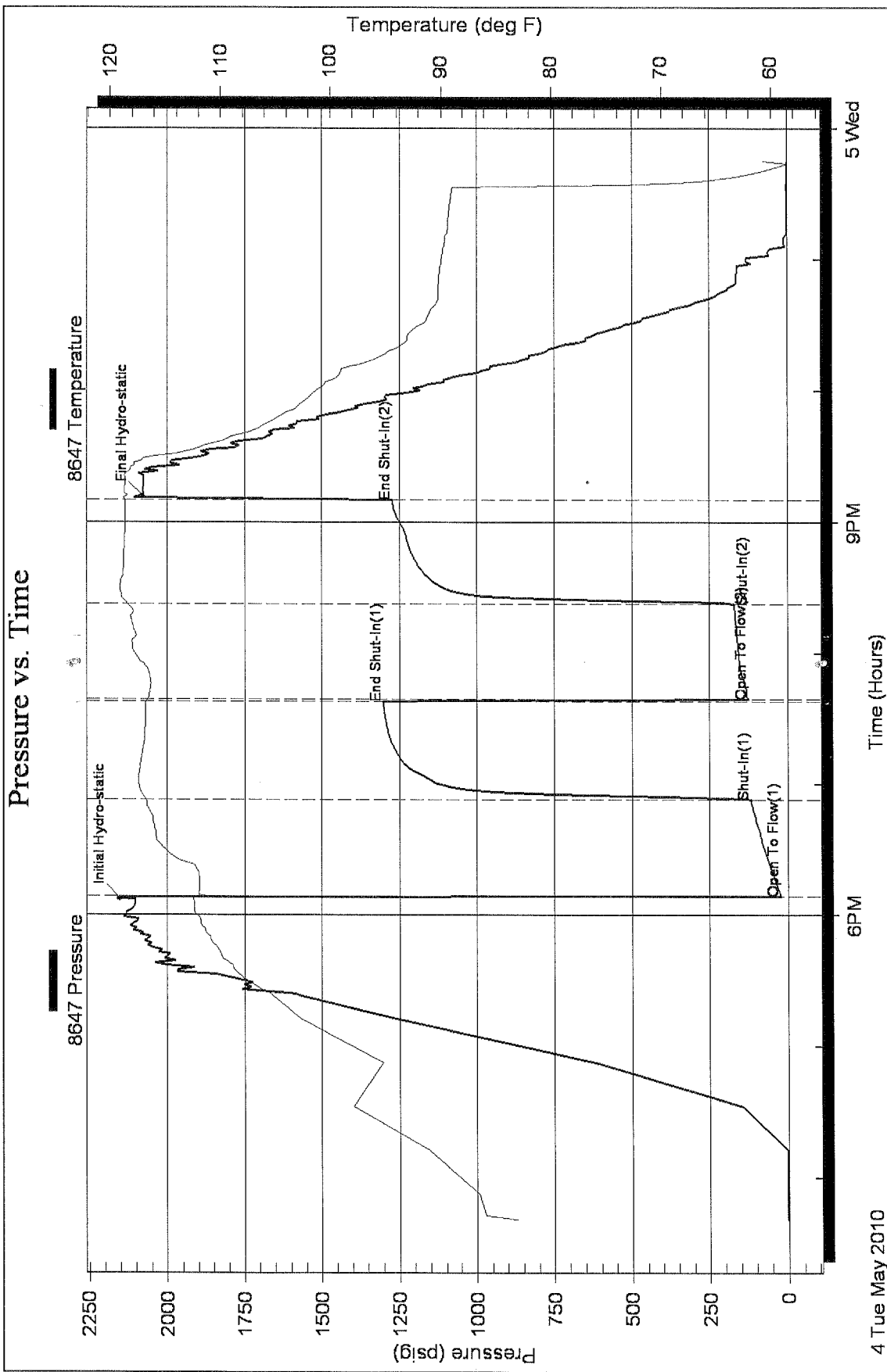
Serial #:

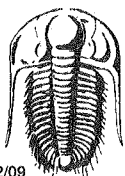
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 06 2010

Test Ticket

NO. 38174

12/09

Well Name & No. Miss #1-10 Test No. 1 Date 5-4-10
 Company Am Warrior Elevation 2319 KB 2308 GL
 Address PO Box 399 Garden City, Ks 67846
 Co. Rep / Geo. Jawa Alm Rig Duke 5
 Location: Sec. 10 Twp. 21^s Rge. 25^w Co. Hodgeman State Ks

Interval Tested 4340-4415 Zone Tested Miss
 Anchor Length 75 Drill Pipe Run 4010 Mud Wt. 9.1
 Top Packer Depth 4335 Drill Collars Run 307 Vis 57
 Bottom Packer Depth 4340 Wt. Pipe Run — WL 8.0
 Total Depth 4415 Chlorides 3100 ppm System LCM

Blow Description FFP- weak to strong blow 1/4" - 9"
ISI- no blow back
FFP- no blow 3 min to Good blow 6"
FSI- no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>GIP</u>				
<u>245</u>	<u>G HOCM G MCO</u>	<u>25</u>	<u>45</u>		<u>30</u>
<u>120</u>	<u>G HOCM</u>	<u>15</u>	<u>35</u>		<u>50</u>

Rec Total 365 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2153
 (B) First Initial Flow 22
 (C) First Final Flow 116
 (D) Initial Shut-In 1301
 (E) Second Initial Flow 123
 (F) Second Final Flow 170
 (G) Final Shut-In 1273
 (H) Final Hydrostatic 2079

☒ Test 1225
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 177 RT 221 25
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1771.25

T-On Location 1428
 T-Started 1540
 T-Open 1809
 T-Pulled 2109
 T-Out 2346

Comments

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1771.25

Approved By

Our Representative

Brian Fairbank

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