



KANSAS CORPORATION COMMISSION 1105411
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior, Inc.
Address 1: 3118 Cummings Rd
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 +
Contact Person: Joe Smith
Phone: (620) 275-2963
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Kevin Timson
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>11/20/2012</u>	<u>11/30/2012</u>	<u>11/30/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-069-20408-00-00

Spot Description: _____

NW NE SW NE Sec. 16 Twp. 24 S. R. 30 East West

1344 Feet from North / South Line of Section

1753 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Gray

Lease Name: Gates Well #: 2-16

Field Name: _____

Producing Formation: None

Elevation: Ground: 2853 Kelly Bushing: 2860

Total Depth: 5000 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 426 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14000 ppm Fluid volume: 60 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 01/08/2013



1105411

Operator Name: American Warrior, Inc. Lease Name: Gates Well #: 2-16
Sec. 16 Twp. 24 S. R. 30 East West County: Gray

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically (If no, Submit Copy)
List All E. Logs Run:
Porosity Induction Micro

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run:
Date of First, Resumed Production, SWD or ENHR. Producing Method:
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: Vented, Sold, Used on Lease
METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled, Other
PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Gates 2-16
Doc ID	1105411

Tops

Heebner	4051'	-1191
Lansing	4106'	-1241
Stark	4436'	-1576
B/KC	4577'	-1717
Marmaton	4599'	-1739
Ft.Scott	4705'	-1845
Atoka	4804'	-1944
Morrow	4859'	-1999
Mississippian	4909'	-2049

Geological Report

American Warrior, Inc.

Gates #2-16

1344' FNL & 1753' FEL

Sec. 16, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Gates #2-16
1344' FNL & 1753' FEL
Sec. 16, T24s, R30w
Gray County, Kansas
API # 15-069-20408-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: November 20, 2012

Completion Date: November 30, 2012

Elevation 2849' Ground Level
2860' Kelly Bushing

Directions: From Southeast side of Garden City, KS at intersection of Hwy 50 and Pole Line Rd. Go 7 miles East on Pole Line Rd to 4 Rd. Now go 1 mile North on 4 Rd to C Rd. Now go ¼ mile West on C Rd and South into location.

Casing: #23 8 5/8" surface casing set @ 426' with 300 sacks Class A, 3% c.c, 2% gel.

Samples: 4000' to RTD 10' wet and dry,

Drilling Time: 4000' to RTD

Electric Logs: Pioneer "D. Schmidt" Dual Compensated Porosity, Dual Induction, Microresistivity, Sonic Bond.

Drillstem Tests: Two Trilobite Testing "Ryan Reynolds"

Remarks: Problems conditioning the hole for logging.

Formation Tops

	American Warrior, Inc. Gates #2-16 Sec. 16, T24s, R30w 1344' FNL & 1753' FEL
Formation	
Heebner	4051' -1191
Lansing	4106' -1241
Stark	4436' -1576
BKc	4577' -1717
Marmaton	4599' -1739
Pawnee	4673' -1813
Fort Scott	4705' -1845
Cherokee	4717' -1857
Atoka	4804' -1944
Morrow	4859' -1999
Miss.	4909' -2049
RTD	5000' -2140

Sample Zone Descriptions

Pawnee Limestone (4673', -1813): Not Tested

Limestone tan. Sub to fine crystalline. Poor to fair oomoldic porosity and poor to fair oolycastic porosity. Barren.
 Δ-off white

Morrow Sandstone (4859', -1999): Covered in DST #1 & #2

Sandstone gray. Very fine to fine grain. Poor intercrystalline porosity. Very slight stain. No saturation. No show of free oil. Very slight odor. 15 unit hotwire. Small section of clean sand followed by very dirty larger section.

Drill Stem Tests
Trilobite Testing Inc.
"Sam Esparza"

DST #1

Atoka Limestone & Morrow Sand

Interval (4817' – 4876') Anchor Length 59'

IHP	- 2456 #	
IFP	- 30" – Built to ½ inch blow. Died at 27 min.	19-26 #
ISI	- 30" – No Return	144 #
FFP	- 10" – No Blow	29-32 #
FSIP	- Pull tool	NA
FHP	- 2364 #	
BHT	- 118 ° F	

Recovery: 7' Mud

DST #2

Morrow Sand

Interval (4818' – 4896') Anchor Length 78'

IHP	- 2410 #	
IFP	- 30" – Weak blow. Built to ½ inch.	20-28 #
ISI	- 30" – No Return.	155 #
FFP	- 30" – Weak blow. Died at 12 min.	31-34 #
FSIP	- 30" – No Return.	80 #
FHP	- 2335 #	
BHT	- 114 ° F	

Recovery: 8' Mud

Structural Comparison

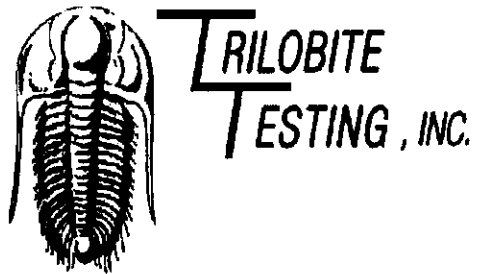
Formation	American Warrior, Inc. Gates #2-16 Sec. 16, T24s, R30w 1344' FNL & 1753' FEL		American Warrior, Inc. Wehkamp #1-15 Sec. 15, T24s, R30w 394' FNL & 652' FWL		American Warrior, Inc. Gates #8-16 Sec. 16, T24s, R30w NE SW SE NW	
	Heebner	4051' -1191	+5	4052' -1196	+1	4055' -1192
Lansing	4106' -1241	+4	4101' -1245	+7	4111' -1248	
Stark	4436' -1576	-8	4424' -1568	-4	4435' -1572	
BKC	4577' -1717	-	4573' -1717	-12	4568' -1705	
Marmaton	4599' -1739	+2	4597' -1741	-16	4586' -1723	
Pawnee	4673' -1813	+1	4670' -1814	-16	4660' -1797	
Fort Scott	4705' -1845	-5	4696' -1840	NA	NA	
Cherokee	4717' -1857	-3	4710' -1854	-18	4702' -1839	
Atoka	4804' -1944	+1	4801' -1945	NA	NA	
Morrow	4859' -1999	-16	4839' -1983	-24	4838' -1975	
Miss	4909' -2049	-5	4900' -2044	-44	4868' -2005	

Summary

The location for the Gates #2-16 well was found via 3-D Seismic survey. Two drill stem tests were conducted, which were both negative. After all the gathered data had been examined the decision was made to plug and abandon the Gates #2-16 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Gates #2-16

16-24s-30w Gray,KS

Start Date: 2012.11.27 @ 08:20:25

End Date: 2012.11.27 @ 15:59:40

Job Ticket #: 49702 DST #: 1

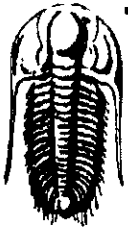
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.30 @ 13:50:49

American Warrior Inc. 16-24s-30w Gray,KS Gates #2-16 DST # 1 St. Louis 2012.11.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

16-24s-30w Gray,KS
Gates #2-16
Job Ticket: 49702 **DST#: 1**
Test Start: 2012.11.27 @ 08:20:25

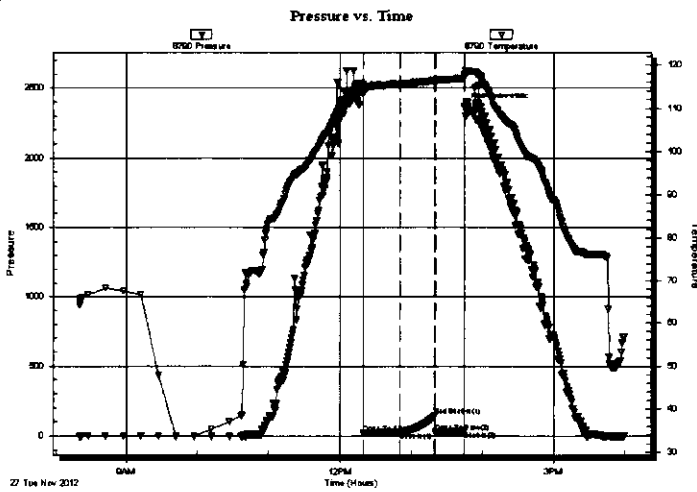
GENERAL INFORMATION:

Formation: **St. Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:25
Time Test Ended: 15:59:40
Interval: **4817.00 ft (KB) To 4876.00 ft (KB) (TVD)**
Total Depth: **4876.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Floor**

Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Ryan Reynolds**
Unit No: **48**
Reference Elevations: **2860.00 ft (KB)**
2849.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8790 **Inside**
Press@RunDepth: **25.61 psig @ 4818.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.11.27** End Date: **2012.11.27** Last Calib.: **2012.11.27**
Start Time: **08:20:30** End Time: **15:59:39** Time On Btm: **2012.11.27 @ 12:19:10**
Time Off Btm: **2012.11.27 @ 13:44:55**

TEST COMMENT: IF: Weak blow . Surf.- 1/2" - Dead in 27 min.
ISI: No blow
FF: No blow
FSI: N/A



PRESSURE SUMMARY

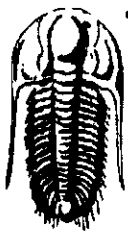
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.66	115.69	Initial Hydro-static
1	19.31	114.54	Open To Flow (1)
32	25.61	115.64	Shut-in(1)
61	144.04	116.42	End Shut-in(1)
62	28.76	116.41	Open To Flow (2)
86	31.80	116.93	Shut-in(2)
86	2364.05	117.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	Drig Mud 100%mud	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

16-24s-30w Gray,KS
Gates #2-16
Job Ticket: 49702 **DST#: 1**
Test Start: 2012.11.27 @ 08:20:25

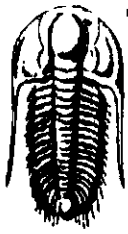
Tool Information

Drill Pipe:	Length: 4521.00 ft	Diameter: 3.80 inches	Volume: 63.42 bbl	Tool Weight: 2400.00 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: 281.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 107000.0 lb
		Total Volume: 64.80 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4817.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.50 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4795.00	
Hydraulic tool	5.00			4800.00	
Jars	5.00			4805.00	
Safety Joint	2.00			4807.00	
Packer	5.00			4812.00	27.00 Bottom Of Top Packer
Packer	5.00			4817.00	
Stubb	1.00			4818.00	
Recorder	0.00	8790	Inside	4818.00	
Recorder	0.00	8792	Outside	4818.00	
Perforations	5.00			4823.00	
Blank Spacing	34.00			4857.00	
Perforations	16.00			4873.00	
Bullnose	3.00			4876.00	59.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

16-24s-30w Gray,KS
Gates #2-16
Job Ticket: 49702 **DST#: 1**
Test Start: 2012.11.27 @ 08:20:25

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 2100 ppm	
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2100.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

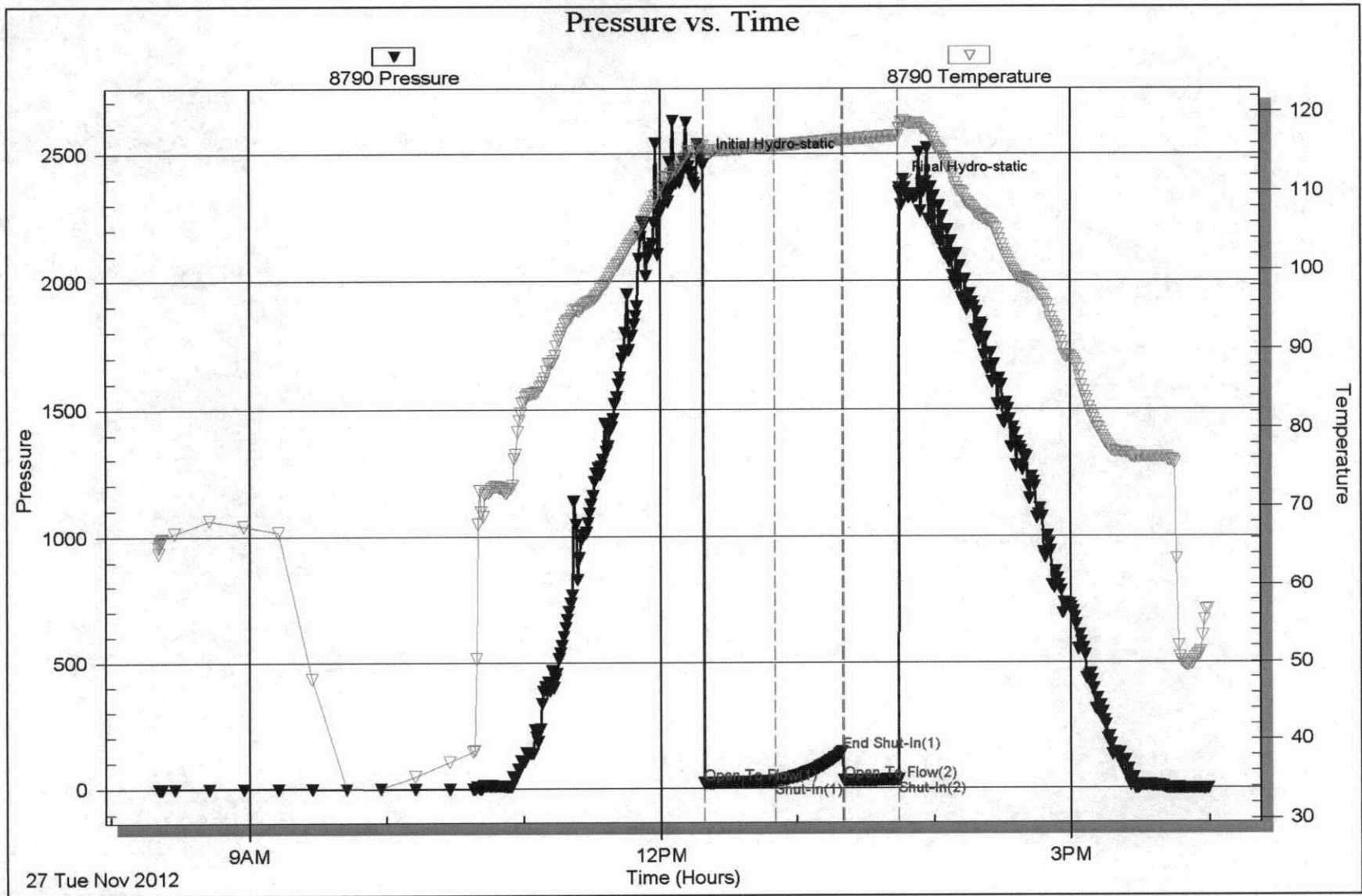
Length ft	Description	Volume bbl
7.00	Drig Mud 100%mud	0.034

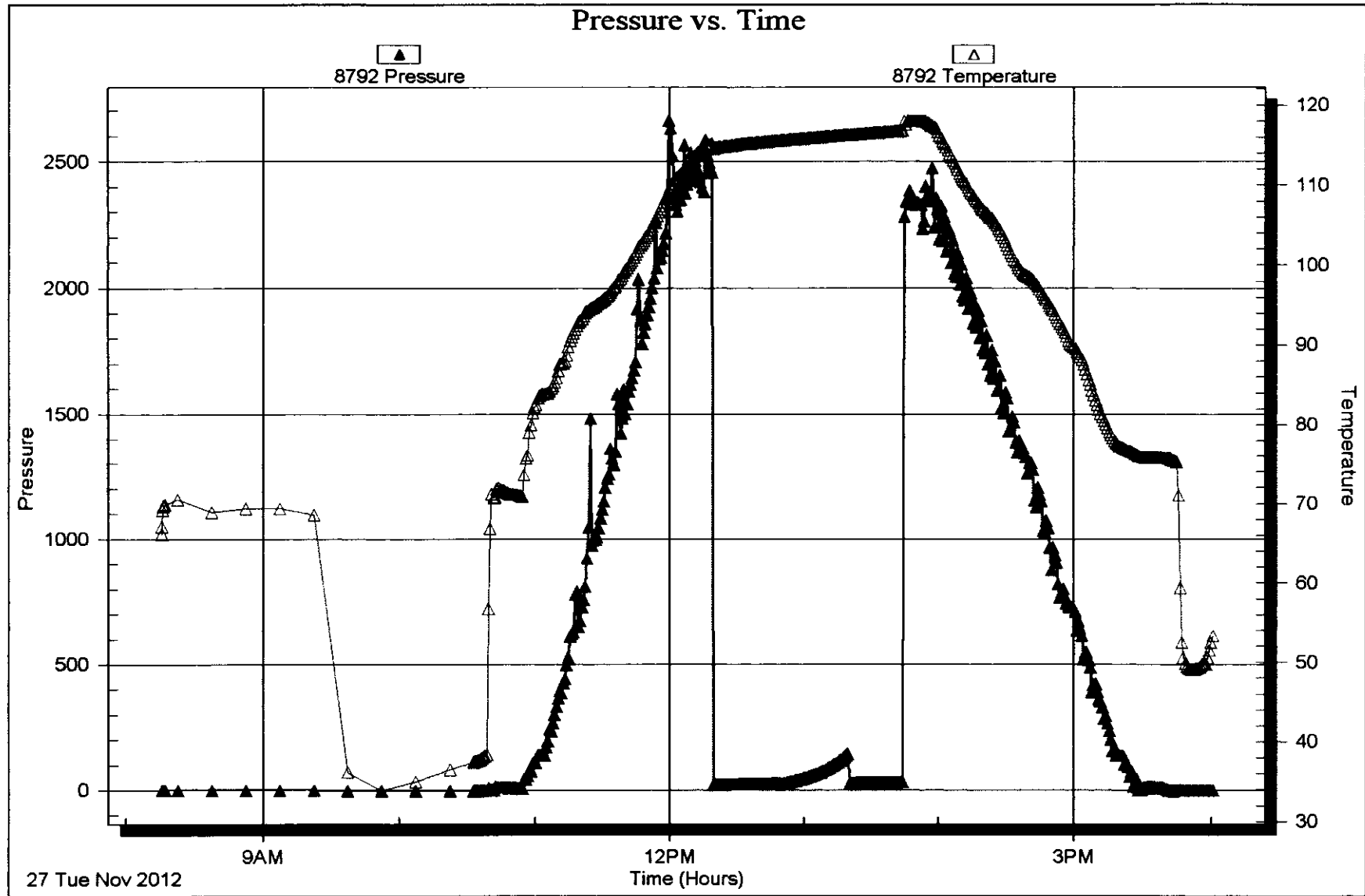
Total Length: 7.00 ft Total Volume: 0.034 bbl

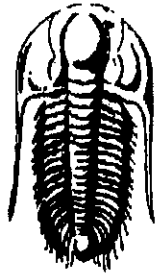
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Gates #2-16

16-24s-30w Gray,KS

Start Date: 2012.11.28 @ 01:18:40

End Date: 2012.11.28 @ 08:47:25

Job Ticket #: 49703 DST #: 2

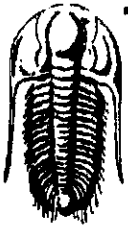
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.30 @ 13:50:03

American Warrior Inc. 16-24s-30w Gray,KS Gates #2-16 DST # 2 Morrow 2012.11.28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

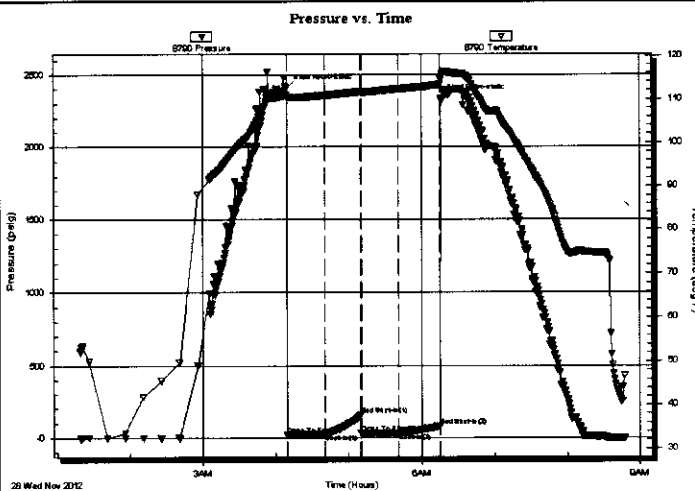
16-24s-30w Gray,KS
Gates #2-16
 Job Ticket: 49703 **DST#: 2**
 Test Start: 2012.11.28 @ 01:18:40

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 04:09:40
 Time Test Ended: 08:47:25
 Interval: **4818.00 ft (KB) To 4896.00 ft (KB) (TVD)**
 Total Depth: **4896.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Ryan Reynolds**
 Unit No: **48**
 Reference Elevations: **2860.00 ft (KB)**
 2849.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 8790 **Inside**
 Press@RunDepth: **33.53 psig @ 4819.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.11.28** End Date: **2012.11.28** Last Calib.: **2012.11.28**
 Start Time: **01:18:45** End Time: **08:47:24** Time On Btm: **2012.11.28 @ 04:09:25**
 08:47:24 Time Off Btm: **2012.11.28 @ 06:15:25**

TEST COMMENT: IF: Weak blow . 1/4" - 1/2"
 IS: No blow
 FF: Weak blow . Surf - Died @ 12min.
 FS: No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2409.80	110.99	Initial Hydro-static
1	20.45	110.23	Open To Flow (1)
31	28.21	110.75	Shut-In(1)
61	154.79	111.64	End Shut-In(1)
61	30.60	111.55	Open To Flow (2)
92	33.53	112.27	Shut-In(2)
126	80.26	113.29	End Shut-In(2)
126	2334.68	114.38	Final Hydro-static

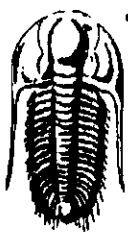
Recovery

Length (ft)	Description	Volume (bbl)
8.00	Drig Mud	0.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

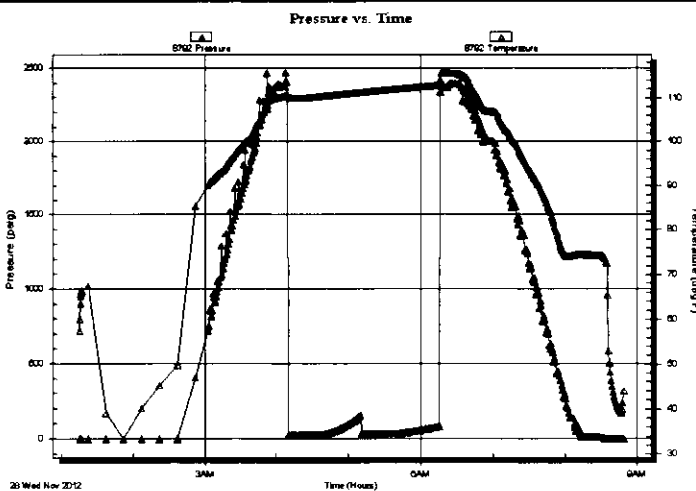
16-24s-30w Gray,KS
Gates #2-16
Job Ticket: 49703 **DST#: 2**
Test Start: 2012.11.28 @ 01:18:40

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:09:40
Time Test Ended: 08:47:25
Interval: **4818.00 ft (KB) To 4896.00 ft (KB) (TVD)**
Total Depth: 4896.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Reynolds
Unit No: 48
Reference Elevations: 2860.00 ft (KB)
2849.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8792 **Outside**
Press@RunDepth: psig @ 4819.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.28 End Date: 2012.11.28 Last Calib.: 2012.11.28
Start Time: 01:15:30 End Time: 08:49:39 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Weak blow . 1/4" - 1/2"
IS: No blow
FF: Weak blow . Surf - Died @ 12min.
FS: No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation

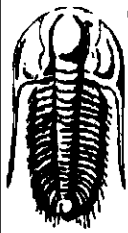
Recovery

Length (ft)	Description	Volume (bbl)
8.00	Drig Mud	0.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

16-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Gates #2-16

Job Ticket: 49703

DST#: 2

ATTN: Kevin Timson

Test Start: 2012.11.28 @ 01:18:40

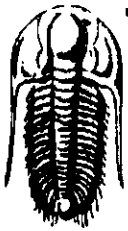
Tool Information

Drill Pipe:	Length: 4521.00 ft	Diameter: 3.80 inches	Volume: 63.42 bbl	Tool Weight: 2400.00 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: 281.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 87000.00 lb
			<u>Total Volume: 64.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4818.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.50 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4796.00	
Hydraulic tool	5.00			4801.00	
Jars	5.00			4806.00	
Safety Joint	2.00			4808.00	
Packer	5.00			4813.00	27.00 Bottom Of Top Packer
Packer	5.00			4818.00	
Stubb	1.00			4819.00	
Recorder	0.00	8790	Inside	4819.00	
Recorder	0.00	8792	Outside	4819.00	
Perforations	5.00			4824.00	
Blank Spacing	65.00			4889.00	
Perforations	4.00			4893.00	
Bullnose	3.00			4896.00	78.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

16-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Gates #2-16

Job Ticket: 49703

DST#: 2

ATTN: Kevin Timson

Test Start: 2012.11.28 @ 01:18:40

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

5400 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Drig Mud	0.039

Total Length: 8.00 ft

Total Volume: 0.039 bbl

Num Fluid Samples: 0

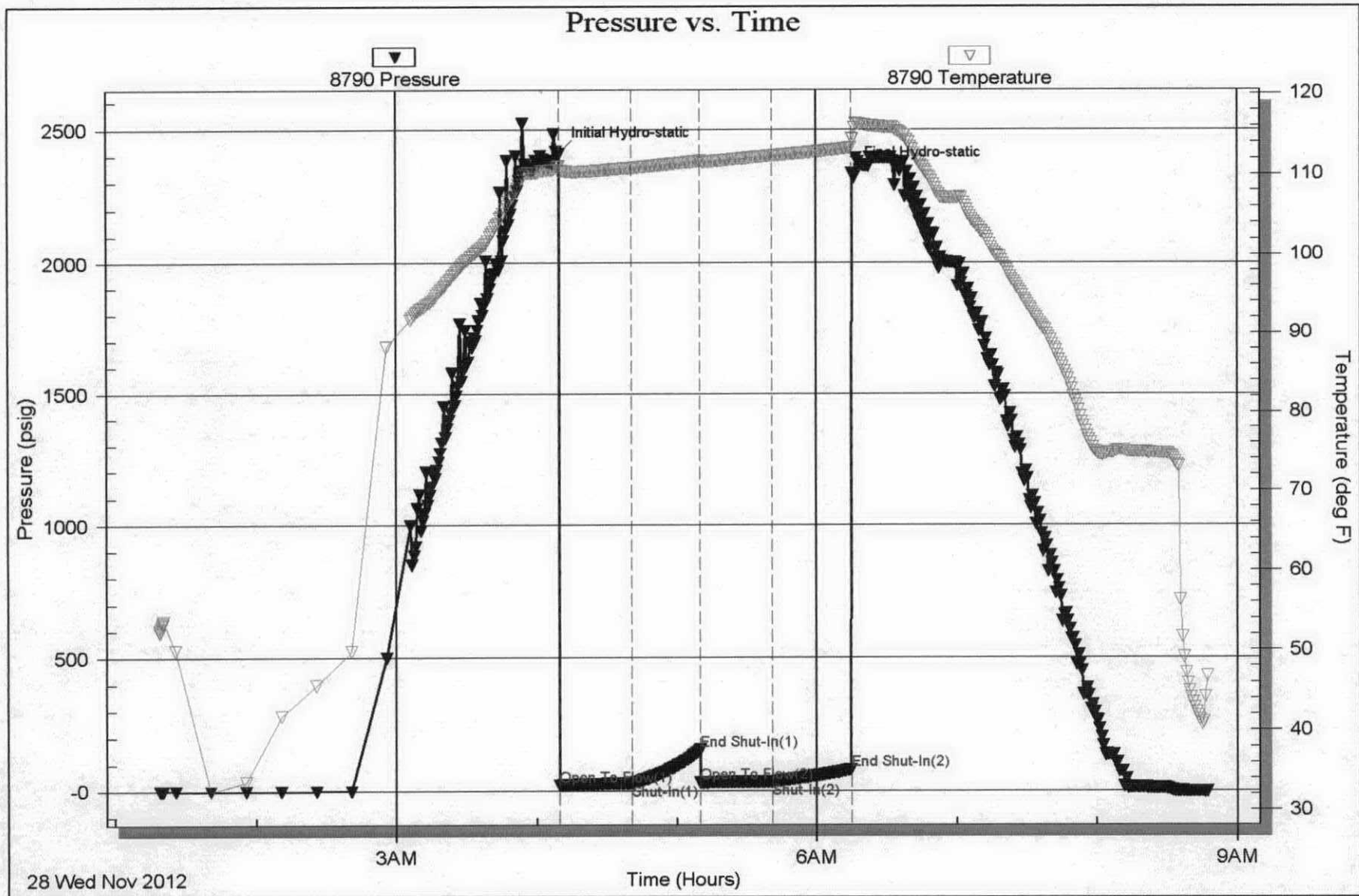
Num Gas Bombs: 0

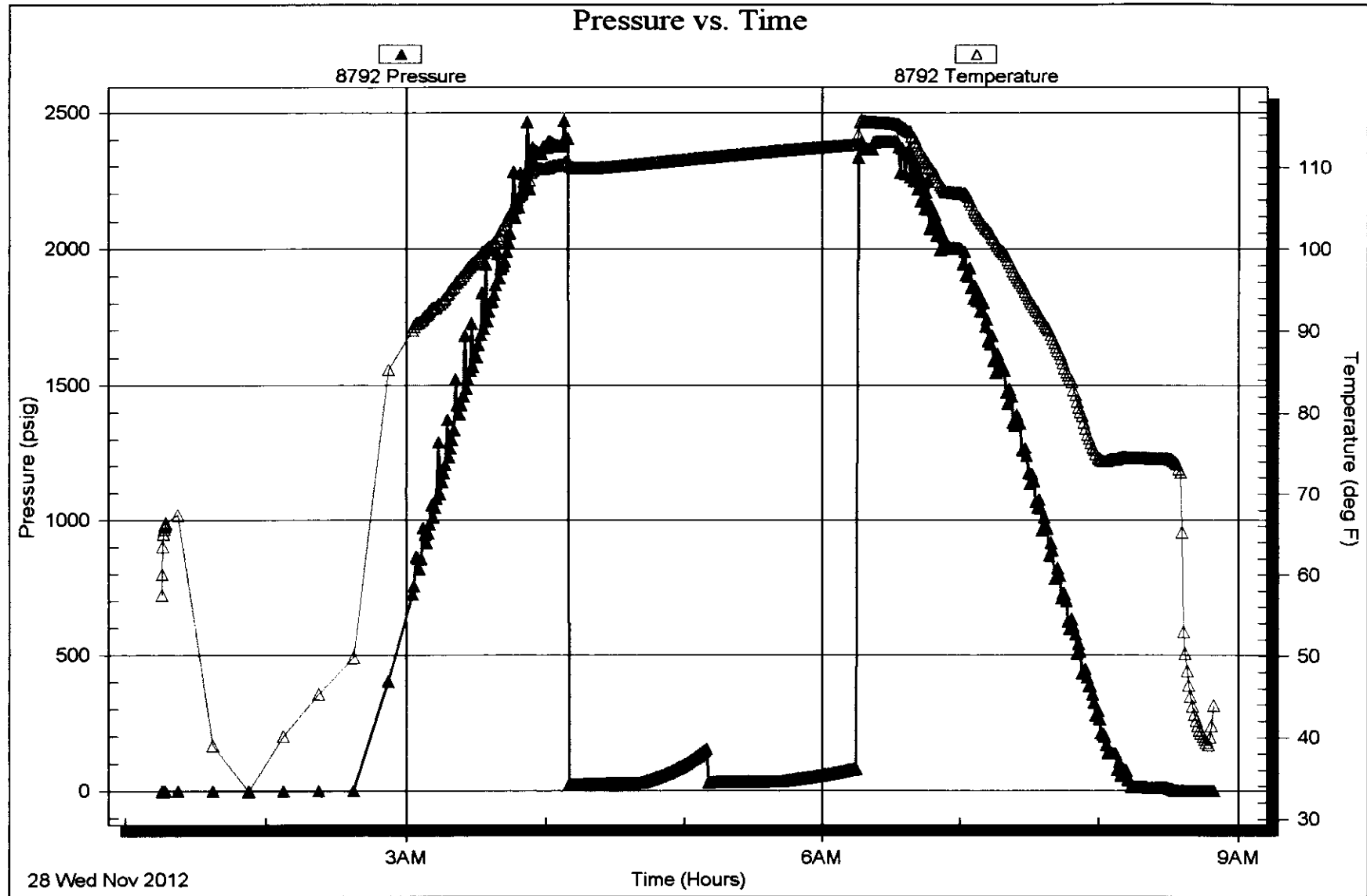
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 4970

Well Name & No. <u>Gates #2-16</u>	Test No. <u>1</u>	Date <u>11-27-12</u>
Company <u>American Warrior Inc.</u>	Elevation <u>2860</u>	KB <u>2849</u> GL
Address <u>3118 Cummings Rd. Garden City, KS 67846</u>	Rig <u>Duke #5</u>	
Co. Rep / Geo. <u>Kevin Timson</u>	Location: Sec. <u>16</u> Twp. <u>24s.</u> Rge. <u>30w.</u> Co. <u>Gray</u> State <u>KS</u>	

Interval Tested <u>4817-4876</u>	Zone Tested <u>St. Louis</u>	
Anchor Length <u>59'</u>	Drill Pipe Run <u>4521</u>	Mud Wt. <u>9.6</u>
Top Packer Depth <u>4812</u>	Drill Collars Run <u>281</u>	Vis <u>48</u>
Bottom Packer Depth <u>4817</u>	Wt. Pipe Run <u>Ø</u>	WL <u>8.8</u>
Total Depth <u>4876</u>	Chlorides <u>2100</u> ppm System	LCM <u>2#</u>
Blow Description <u>IF: Weak blow. Surf - 1/2" - Dead in 27 min. ISI: No blow</u>		

FF: No blow

F.S.I: Ø

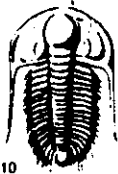
Rec	Feet of	%gas	%oil	%water	%mud
<u>7</u>	<u>Drbg mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total <u>7</u>	BHT <u>118</u>	Gravity <u>N/C</u>	API RW <u>N/C</u>	@ <u>N/C</u>	F Chlorides <u>2100</u> ppm
(A) Initial Hydrostatic <u>2456</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>0800</u>			
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>0820</u>			
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1219</u>			
(D) Initial Shut-In <u>144</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1330</u>			
(E) Second Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Hourly Standby	T-Out <u>1600</u>			
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>246</u> 104rt 161.20	Comments			
(G) Final Shut-In	<input type="checkbox"/> Sampler				
(H) Final Hydrostatic <u>2364</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer			

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>Ø</u>	<input type="checkbox"/> Day Standby	Total <u>1736.20</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1736.20</u>	

Approved By _____ Our Representative Roger Reynolds

Triobite 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. Tool's lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49700

Well Name & No. Gates # 2-16 Test No. 2 Date 11-28-12
 Company American Warrior Inc. Elevation 2860 KB 2849 GL
 Address 3115 Cummings Ave. Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke # 5
 Location: Sec. 16 Twp. 24s. Rge. 30w. Co. Gray State KS

Interval Tested 4818-4896 Zone Tested Morrow
 Anchor Length 78' Drill Pipe Run 4521 Mud Wt. 9.6
 Top Packer Depth 4813 Drill Collars Run 281 Vis 71
 Bottom Packer Depth 4818 Wt. Pipe Run Ø WL 12.8
 Total Depth 4896 Chlorides 5400 ppm System LCM 2#
 Blow Description IF = Weak blow, 1/4" - 1/2" ISI = No blow

FF = Weak blow. Surf. Died @ 12 min.

FSI = No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>8</u>	<u>Dry mud</u>			<u>100</u>	
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

Rec Total 8 BHT 114 Gravity N/C API RW N/C @ N/C °F Chlorides 5400 ppm
 (A) Initial Hydrostatic 2410 Test 1250 T-On Location 0045
 (B) First Initial Flow 20 Bars 250 T-Started 0119
 (C) First Final Flow 28 Safety Joint 75 T-Open 0410
 (D) Initial Shut-In 155 Circ Sub T-Pulled 0615
 (E) Second Initial Flow 31 Hourly Standby T-Out 0847
 (F) Second Final Flow 34 Mileage 246 161.20 Comments
 (G) Final Shut-In 80 Sampler
 (H) Final Hydrostatic 2335 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1736.20
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 30 Sub Total 1736.20

Approved By _____ Our Representative Ryan Reynolds
 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.

ALLIED OIL & GAS SERVICES, LLC 059160

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Harvey Bend, Va

DATE 11-30-12 SEC. 12 TWP. 24 RANGE 30 CALLED OUT 11-24-12 9:00 AM ON LOCATION 11-30-12 11:30 AM JOB START 11:37 AM JOB FINISH 5:30 AM
 LEASE Costas WELL # 2-110 LOCATION St. 23 Jct - 51st St COUNTY Harvey STATE TX
 OLD OR NEW (Circle one) NEW Hollow Rd. 1/2 mi South 3/4 West 1-03 1.15 mil

CONTRACTOR Inde #5 OWNER Same
 TYPE OF JOB Bottom Plug
 HOLE SIZE 7 7/8" D.D. 5000'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 2010'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSO. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT

AMOUNT ORDERED	<u>250 lb</u>	<u>69/40</u>	<u>43.00</u>
COMMON	<u>150</u>	<u>17.90</u>	<u>2,685.00</u>
POZMIX	<u>100</u>	<u>9.35</u>	<u>935.00</u>
GEL	<u>9</u>	<u>23.40</u>	<u>210.60</u>
CHLORIDE			
ASC			
<u>Flow Seal</u>	<u>63</u>	<u>3.97</u>	<u>197.11</u>
HANDLING	<u>269.00</u>	<u>2.48</u>	<u>667.12</u>
MILEAGE	<u>11.23 x 50%</u>	<u>2.60</u>	<u>1,459.20</u>
			<u>TOTAL 6,144.73</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Tom Anderson</u>	<u>1</u>
# <u>398</u>	HELPER	<u>Josh Jones</u>	<u>2</u>
BULK TRUCK			
# <u>344-170</u>	DRIVER	<u>Don Cooper</u>	<u>2</u>
BULK TRUCK			
# _____	DRIVER		

REMARKS:
50 lbs of 2010'
30 lbs of 1080'
50 lbs of 450'
20 lbs of 100'
30 lbs of 100'
20 lbs in house

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME KENNETH M COURE
 SIGNATURE Kenneth M. Coure

SERVICE

DEPTH OF JOB	<u>2010'</u>		
PUMP TRUCK CHARGE		<u>2249.84</u>	
EXTRA FOOTAGE			
MILEAGE	<u>Hum 50</u>	<u>7.70</u>	<u>385.00</u>
MANIFOLD			
<u>Hum 50</u>		<u>4.40</u>	<u>220.00</u>
<u>Hum</u>		<u>1.21</u>	
			<u>TOTAL 2,854.84</u>

PLUG & FLOAT EQUIPMENT

SALES TAX (If Any)	<u>670146</u>		
TOTAL CHARGES	<u>8,999.57</u>		
DISCOUNT	<u>2,824.84</u>		
			<u>6,174.73</u>

IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 059126

REMIT TO P.O. BOX 93999
SOUTH LAKE, TEXAS 76092

SERVICE POINT:

DATE 1/20/12	SEC. 16	TWP. 24	RANGE 30W	CALLED OUT	ON LOCATION	JOB START 6:30 pm	JOB ESTIM 7:30 pm
LEASE <u>long</u>	WELL # 2-16	LOCATION Hwy 158 R23 6W 6S				COUNTY <u>Brew</u>	STATE TX
OLD OR (NEW) (Circle one)		3/4 in 3100				1.01 7.115	

CONTRACTOR Pure Drilling IS
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 3/4 DEPTH 426.10
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH
 TOOL DEPTH
 PRES. MAX. MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSO. 15.7
 PERFS.
 DISPLACEMENT 26.13 6663 Freshwater

OWNER
 CEMENT AMOUNT ORDERED 300 sds Class A 3100
2.4921

EQUIPMENT
 PUMP TRUCK CEMENTER Marvin Chambers
 # 366 HELPER Kevin Eddy
 BULK TRUCK
 # 341 DRIVER Kevin Weighman
 BULK TRUCK
 # DRIVER Charles Clayton

COMMON	300	@ 17.90	5370.00
POZMIX		@	
GEL	6	@ 29.75	178.50
CHLORIDE	10	@ 64.00	640.00
ASC		@	
HANDLING	324.18	@ 2.48	803.76
MILEAGE	14.8 x 50 x	2.60	1927.90
TOTAL			8878.26

REMARKS:

Best circulation with log head
run 5 1/2 in Freshwater 2600
run 300 sds Class A 3100 2.4921
run 26.13 6663 Freshwater
6 1/2 in
Cement Dil 2600
plug down 7:00
plug down

7.10

SERVICE

DEPTH OF JOB	426		
PUMP TRUCK CHARGE		@ 1512.20	
EXTRA FOOTAGE		@	
MILEAGE	Hvm 50	@ 7.70	385.00
MANIFOLD		@	
	Hvm 50	@ 4.40	220.00
TOTAL			2117.20

CHARGE TO: Producer 66707
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)	158.20	
TOTAL CHARGES	10,995.61	
DISCOUNT	2,748.29	IF PAID IN 30 DAYS
8,246.21		

PRINTED NAME J. KENNETH MCCOY

SIGNATURE J. Kenneth McCoy
Thank You!