



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Gates 2-16
Doc ID	1105411

Tops

Name	Top	Datum
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

Formation

American Warrior, Inc. Gates #2-16 Sec. 16, T24s, R30w 1344' FNL & 1753' FEL	
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			
	Top	Bottom	Top	Bottom	Top	Bottom		
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



**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: Poor
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

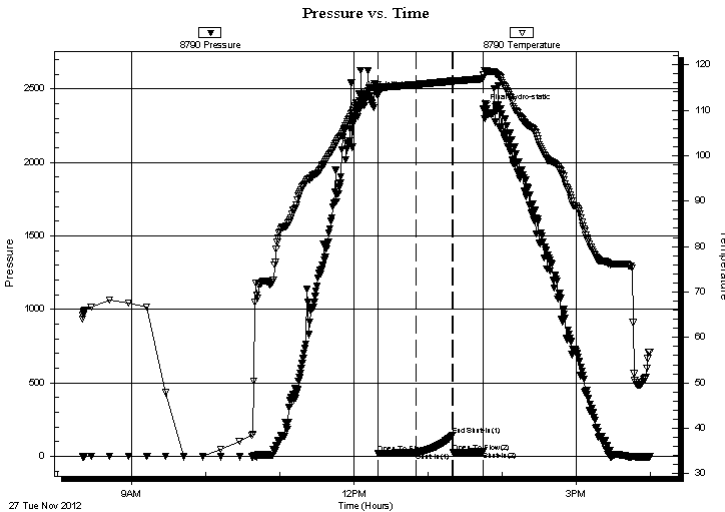
Serial #: 8790

Inside

Press @ Run Depth: 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.
IS: No blow
FF: No blow
FS: NA

PRESSURE SUMMARY



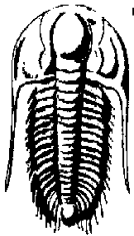
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.66	115.69	Initial Hydro-static
1	19.31	114.54	Open To Flow (1)
32	25.61	115.64	Shut-In(1)
61	144.04	116.42	End Shut-In(1)
62	28.76	116.41	Open To Flow (2)
86	31.80	116.93	Shut-In(2)
86	2364.05	117.74	Final Hydro-static

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

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:

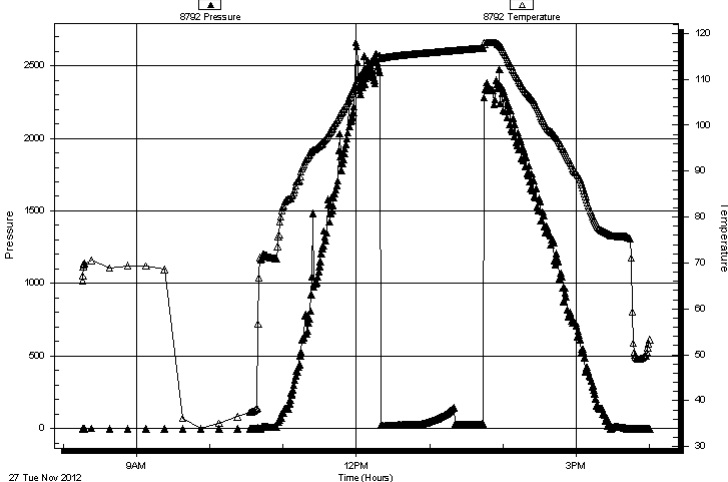
Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:19:25
 Time Test Ended: 15:59:40
 Interval: **4817.00 ft (KB) To 4876.00 ft (KB) (TVD)**
 Total Depth: 4876.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ryan Reynolds
 Unit No: 48
 Reference Elevations: 2860.00 ft (KB)
 2849.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8792 Outside

Press @ Run Depth: psig @ 4818.00 ft (KB)
 Start Date: 2012.11.27 End Date: 2012.11.27
 Start Time: 08:15:30 End Time: 16:00:54
 Capacity: 8000.00 psig
 Last Calib.: 2012.11.27
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak blow . Surf.- 1/2" - Dead in 27 min.
 IS: No blow
 FF: No blow
 FS: NA

Pressure vs. Time



PRESSURE SUMMARY

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

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.

16-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Gates #2-16

Job Ticket: 49702

DST#: 1

ATTN: Kevin Timson

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
			<u>Total Volume: 64.80 bbl</u>	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
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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.

16-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Gates #2-16

Job Ticket: 49702

DST#: 1

ATTN: Kevin Timson

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:

bbbl

Water Loss: 8.78 in³

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

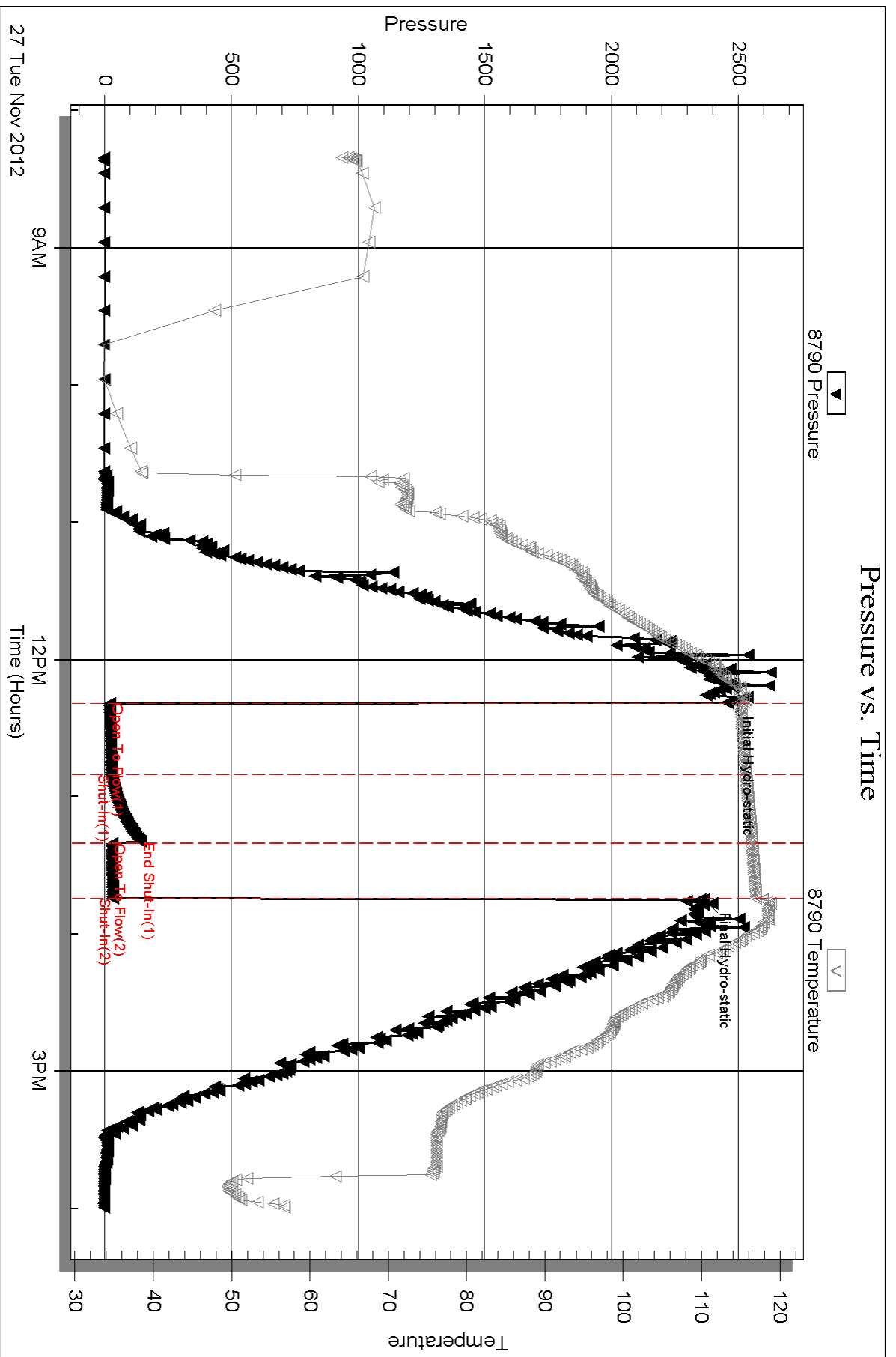
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

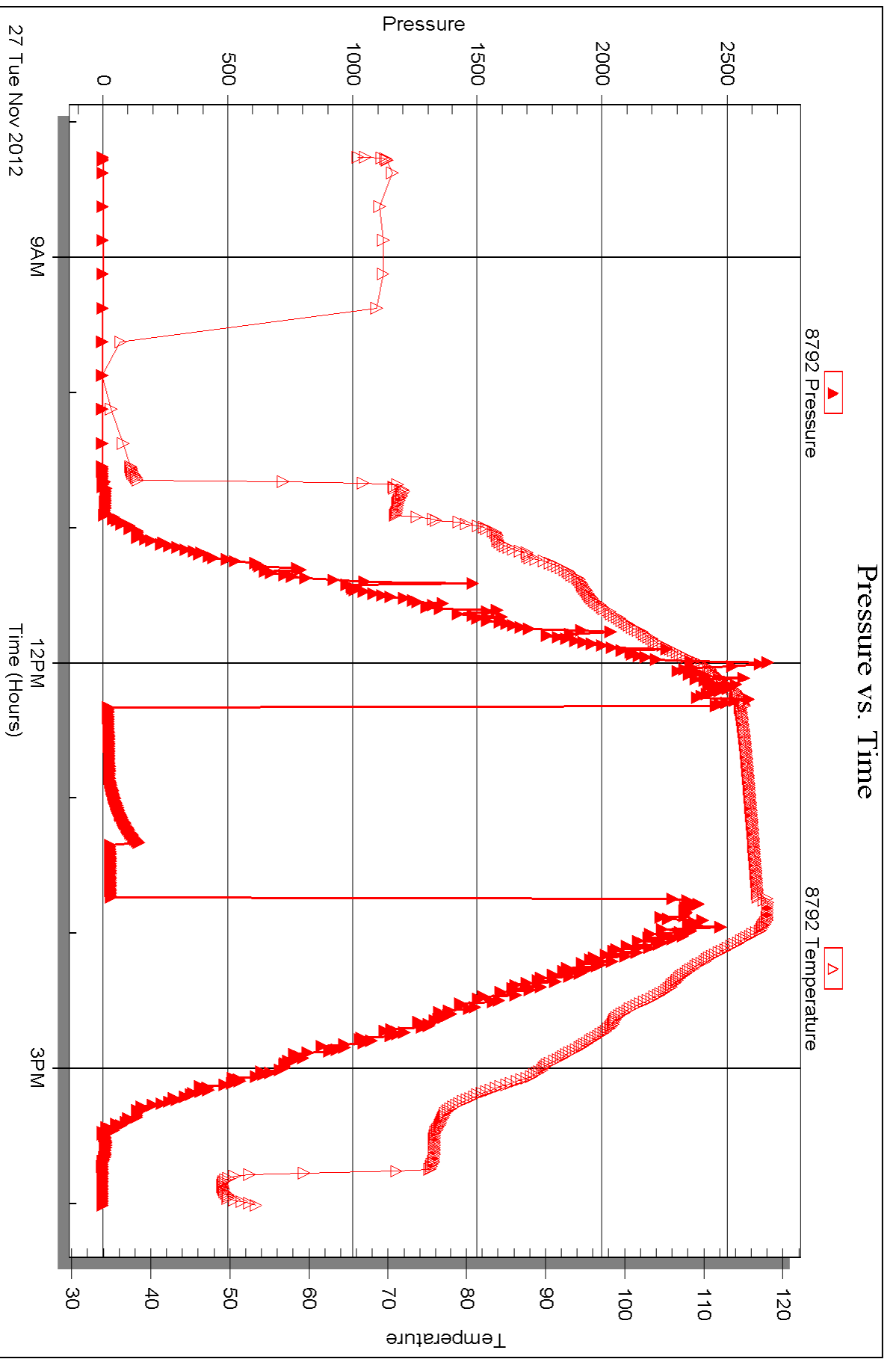


Serial #: 8792

Outside American Warrior Inc.

Gates #2-16

DST Test Number: 1





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

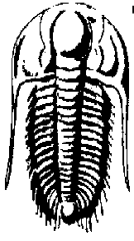
Job Ticket #: 49703 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.30 @ 13:50:03



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

Serial #: 8790

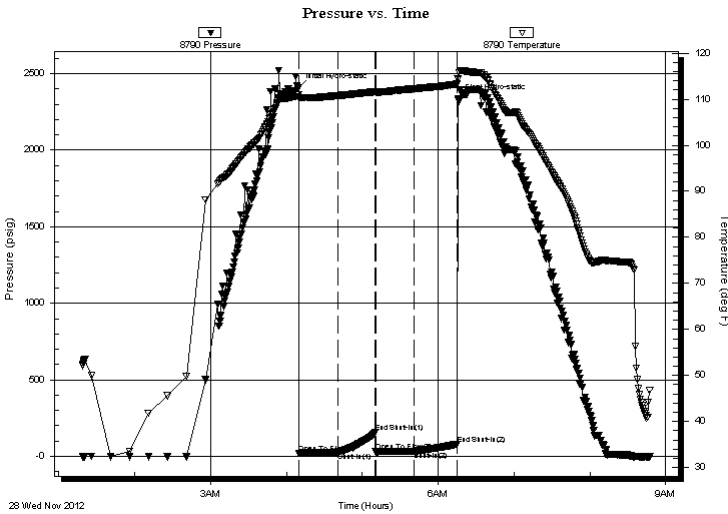
Inside

Press @ RunDepth: 33.53 psig @ 4819.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2012.11.28	End Date: 2012.11.28
Start Time: 01:18:45	End Time: 08:47:24
	Last Calib.: 2012.11.28
	Time On Btm: 2012.11.28 @ 04:09:25
	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 (Min.)	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



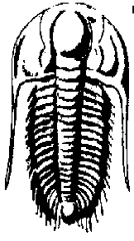
Recovery

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
Test Start: 2012.11.28 @ 01:18:40

DST#: 2

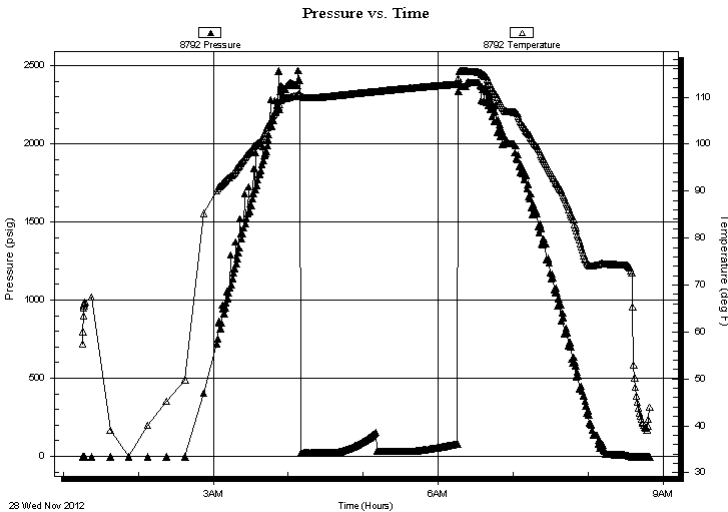
GENERAL INFORMATION:

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

Serial #: 8792 Outside
Press @ Run Depth: 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 (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

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

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

* Recovery from multiple tests



**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

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:

bbbl

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

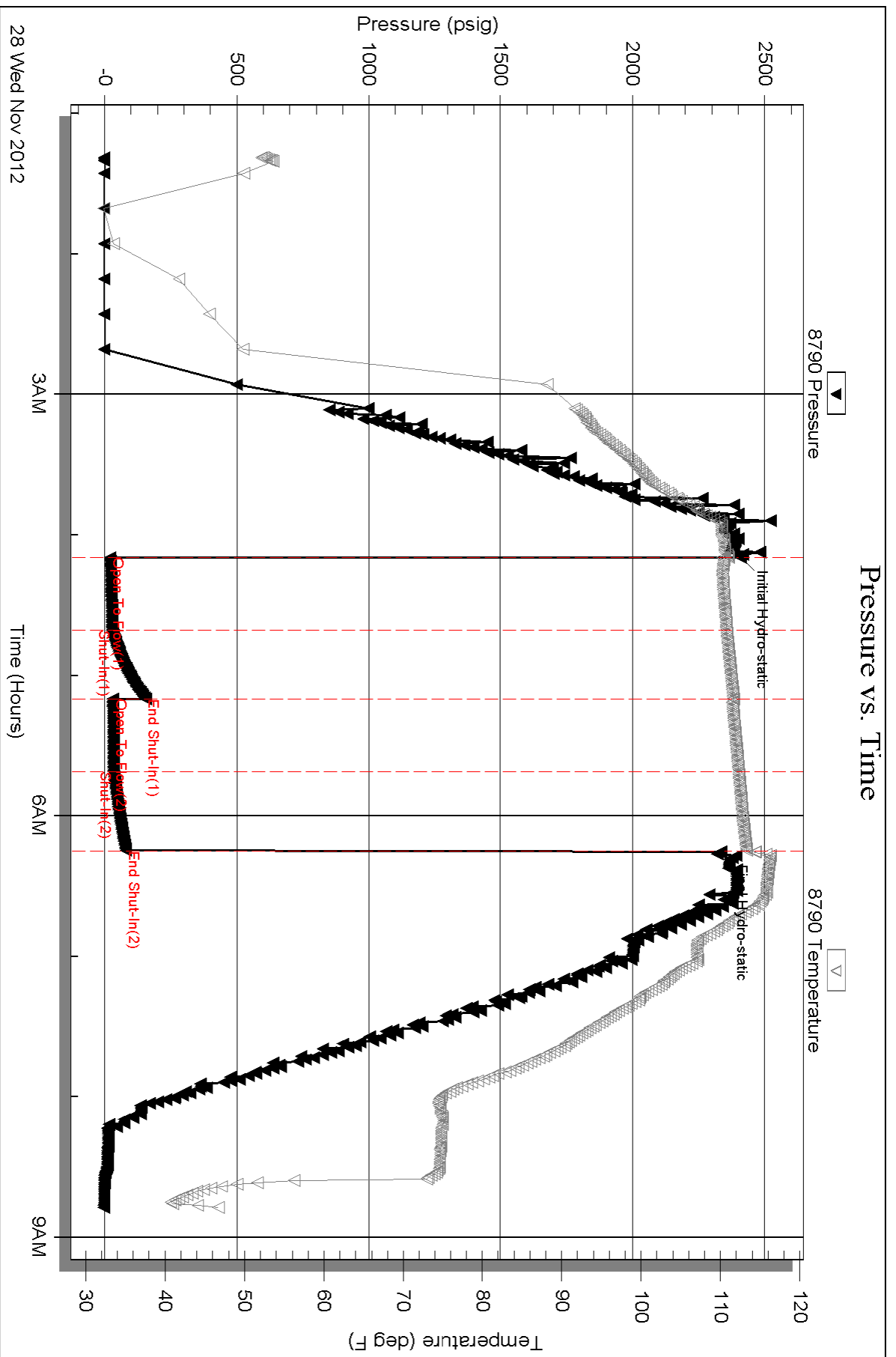
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

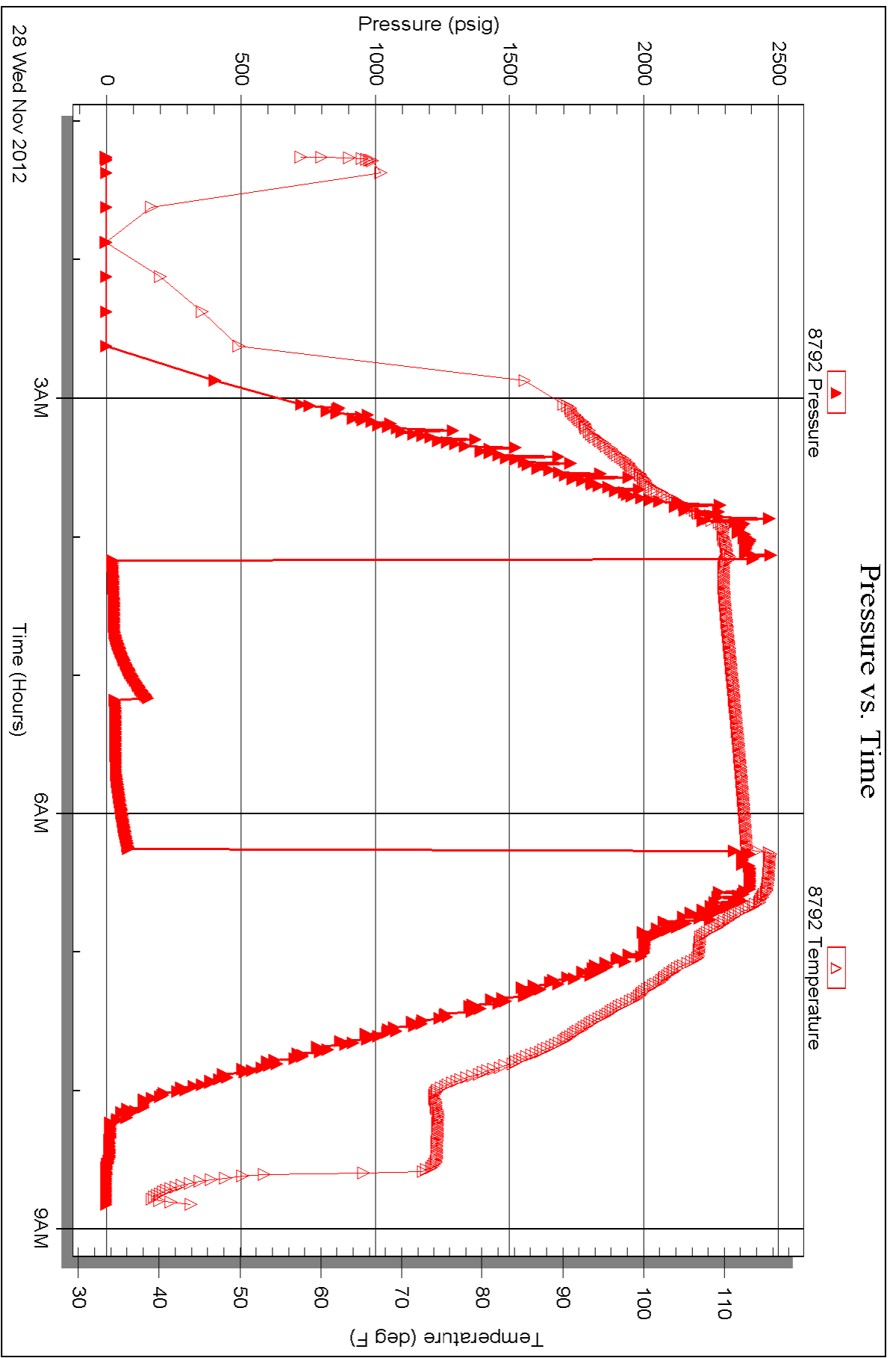


Serial #: 8792

Outside American Warrior Inc.

Gates #2-16

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49702

4/10

Well Name & No. Gates #2-16 Test No. 1 Date 11-27-12
 Company American Warrior Inc. Elevation 2860 KB 2849 GL
 Address 3118 Cummings Rd. 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 4817-4876 Zone Tested St. Louis
 Anchor Length 59' Drill Pipe Run 4521 Mud Wt. 9.6
 Top Packer Depth 4812 Drill Collars Run 281 Vis 48
 Bottom Packer Depth 4817 Wt. Pipe Run ∅ WL 8.8
 Total Depth 4876 Chlorides 2100 ppm System LCM 2#
 Blow Description IF: Weak blow. Surf - 1/2" - Dead in 27 min. ISI: No blow

FF: No blow

FSI: ∅

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 7 BHT 118 Gravity N/C API RW N/C @ N/C °F Chlorides 2100 ppm

(A) Initial Hydrostatic 2456 Test 1250 T-On Location 0800
 (B) First Initial Flow 19 Jars 250 T-Started 0820
 (C) First Final Flow 26 Safety Joint 75 T-Open 1219
 (D) Initial Shut-In 144 Circ Sub T-Pulled 1330
 (E) Second Initial Flow 29 Hourly Standby T-Out 1600
 (F) Second Final Flow 32 Mileage 246 104rt 161.20
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2364 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In ∅

Sub Total 1736.20

MP/DST Disc't _____

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49703

Well Name & No. Gates # 2-16 Test No. 2 Date 11-28-12
 Company American Warrior Inc. Elevation 2860 KB 2849 GL
 Address 3118 Cummings Rd. 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 7.1
 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 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 0610
 (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

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: East Bend, Va

DATE <u>11-30-12</u>	SEC. <u>12</u>	TWP. <u>24</u>	RANGE <u>30</u>	11-24-12	11-30-12	JOB START <u>7:30 AM</u>	JOB FINISH <u>5:30 AM</u>
LEASE <u>Gstas</u>	WELL # <u>2-110</u>	LOCATION <u>S6 + 23 SE - Sweet Jo</u>		CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>11:30 AM</u>	COUNTY <u>Henry</u>	STATE <u>VA</u>
OLD OR (NEW) (Circle one)		<u>Hollow Rd, 1/2 mi South 3/4 West</u>					

CONTRACTOR Duke #5
 TYPE OF JOB Resting Plug
 HOLE SIZE 7 7/8" T.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 _____

OWNER Same 1-03 7.45 mil

CEMENT
 AMOUNT ORDERED 250 lb 69/40 4 3/4 in 1/4 # Floreal/pl

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>2.97</u>	<u>187.11</u>
HANDLING	<u>269.00</u>	@ <u>2.48</u>	<u>667.12</u>
MILEAGE	<u>11.33 x 50 x</u>	@ <u>2.60</u>	<u>1,459.80</u>
			TOTAL <u>6,144.73</u>

EQUIPMENT

PUMP TRUCK # <u>398</u>	CEMENTER <u>Tom Nelson</u>	1
BULK TRUCK # <u>344-170</u>	HELPER <u>John Trace</u>	2
BULK TRUCK # _____	DRIVER <u>Don Cooper</u>	2
BULK TRUCK # _____	DRIVER _____	

REMARKS:

50 lbs at 2010'
80 lbs at 1080'
50 lbs at 450'
20 lbs at 60'
30 lbs in bottles
20 lbs in household

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

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>
TOTAL <u>2,854.84</u>	

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 X KENNETH M COURE
 SIGNATURE X Kenneth M Coire

PLUG & FLOAT EQUIPMENT

SALES TAX (If Any) <u>690146</u>	
TOTAL CHARGES <u>8,999.57</u>	
DISCOUNT <u>2,824.82</u>	
TOTAL <u>6,174.75</u>	

IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 059126

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Carrollton, TX

DATE <u>1/20/12</u>	SEC. <u>16</u>	TWP. <u>24</u>	RANGE <u>30w</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 pm</u>	JOB FINISH <u>7:30 pm</u>
LEASE <u>6065</u>	WELL # <u>7-16</u>	LOCATION <u>Hwy 156 r 23 6w 65</u>	COUNTY <u>Gray</u>	STATE <u>TX</u>			
OLD OR <u>NEW</u> (Circle one)		<u>3/4 w 3 in rd</u>					

CONTRACTOR <u>Duke Drilling #5</u>	OWNER		
TYPE OF JOB <u>Surf job</u>			
HOLE SIZE <u>12 1/4</u>	T.D.		
CASING SIZE <u>5 5/8</u>	DEPTH <u>426.10</u>	CEMENT AMOUNT ORDERED <u>300 lbs Class A 3ycc 2.41 gal</u>	
TUBING SIZE	DEPTH		
DRILL PIPE <u>4 1/2</u>	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON <u>300 @ 17.90 = 5370.00</u>	
MEAS. LINE	SHOE JOINT	POZMIX	
CEMENT LEFT IN CSG. <u>15.6</u>		GEL <u>6 @ 23.90 = 140.70</u>	
PERFS.		CHLORIDE <u>10 @ 64.00 = 640.00</u>	
DISPLACEMENT <u>26.15 6666 Freshwater</u>		ASC	

EQUIPMENT

PUMP TRUCK # <u>366</u>	CEMENTER <u>Dustin Chambers</u>	HELPER <u>Kevin Eddy</u>
BULK TRUCK # <u>341</u>	DRIVER <u>Kevin Warghaves</u>	
BULK TRUCK #	DRIVER <u>Charles Clayton</u>	

REMARKS:
Break circulation with key bit and pump 5 6666 Freshwater Ahead
Inject 300 lbs Class A 3ycc 2.41 gal
Pressure 26.15 6666 Freshwater @ 54 wt/lb
 cement did circulation
plug down 7.00
plug down

HANDLING <u>324.18</u>	@ <u>2.48</u>	<u>803.96</u>
MILEAGE <u>14.8 x 50 x</u>	<u>2.60</u>	<u>1924.00</u>
TOTAL		<u>8.878.26</u>

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

SERVICE

DEPTH OF JOB <u>426</u>		
PUMP TRUCK CHARGE	@	<u>1512.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>Hvm 50</u>	@ <u>7.70</u>	<u>385.00</u>
MANIFOLD <u>hvm 50</u>	@ <u>7.40</u>	<u>220.00</u>
TOTAL		<u>2.117.25</u>

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 MCGOIR
 SIGNATURE [Signature]
Thank you!

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		
SALES TAX (If Any) <u>158.20</u>		
TOTAL CHARGES <u>10.995.61</u>		
DISCOUNT <u>25.20</u>		
TOTAL		<u>8.246.21</u>

IF PAID IN 30 DAYS