



KANSAS CORPORATION COMMISSION 1113396
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 # _____

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 Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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: _____



1113396

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 Bbbs.	Gas Mcf	Water Bbbs.	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	Tegeler 1-14
Doc ID	1113396

All Electric Logs Run

Porosity
Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Tegeler 1-14
Doc ID	1113396

Tops

Name	Top	Datum
Heebner	4066	-1220
Lansing	4113'	-1267
Stark	4445'	-1599
Marmaton	4595'	-1749
Pawnee	4673'	-1827
Ft.Scott	4703'	-1857
Cherokee	4719'	-1873
Morrow	4844'	-1998
Mississippian	4873'	-2027



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Kevin Timson

Tegeler #1-14

14-24s-30w-Gray,KS

Start Date: 2013.01.12 @ 00:43:58

End Date: 2013.01.12 @ 07:44:28

Job Ticket #: 51409 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.15 @ 10:45:08



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 3118 Cummings Rd
 Garden City KS 67846
 ATTN: Kevin Timson

14-24s-30w-Gray,KS

Tegeler #1-14

Job Ticket: 51409

DST#: 1

Test Start: 2013.01.12 @ 00:43:58

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:43

Time Test Ended: 07:44:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 55

Interval: 4818.00 ft (KB) To 4861.00 ft (KB) (TVD)

Reference Elevations: 2846.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2833.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8368 Outside

Press @ Run Depth: 31.34 psig @ 4819.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.12

End Date:

2013.01.12

Last Calib.:

2013.01.12

Start Time: 00:44:13

End Time:

07:44:28

Time On Btm:

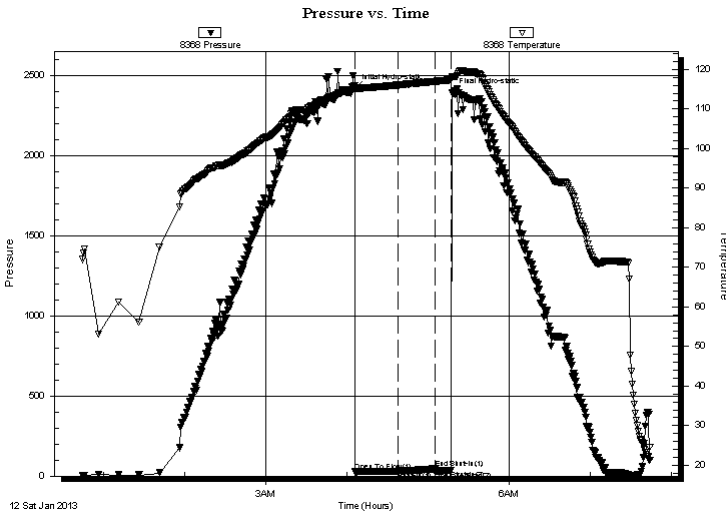
2013.01.12 @ 04:05:28

Time Off Btm:

2013.01.12 @ 05:17:43

TEST COMMENT: IF-Weak surface blow died in 16 mins
 IS-Dead no return blow
 FF- Dead no blow
 FS-pulled it

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2417.39	115.84	Initial Hydro-static
1	27.30	114.82	Open To Flow (1)
33	31.34	116.05	Shut-In(1)
60	46.13	116.97	End Shut-In(1)
60	30.98	116.97	Open To Flow (2)
72	34.85	117.39	Shut-In(2)
73	2391.55	118.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%M w ith oil spots	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.
3118 Cummings Rd
Garden City KS 67846
ATTN: Kevin Timson

14-24s-30w-Gray,KS
Tegeler #1-14
Job Ticket: 51409 **DST#: 1**
Test Start: 2013.01.12 @ 00:43:58

Tool Information

Drill Pipe:	Length: 4613.00 ft	Diameter: 3.80 inches	Volume: 64.71 bbl	Tool Weight: 22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 188.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 65.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4818.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	70.00 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			4792.00	
Shut In Tool	5.00			4797.00	
Hydraulic tool	5.00			4802.00	
Jars	5.00			4807.00	
Safety Joint	2.00			4809.00	
Packer	5.00			4814.00	27.00 Bottom Of Top Packer
Packer	4.00			4818.00	
Stubb	1.00			4819.00	
Recorder	0.00	6667	Inside	4819.00	
Recorder	0.00	8368	Outside	4819.00	
Perforations	3.00			4822.00	
Change Over Sub	1.00			4823.00	
Drill Pipe	32.00			4855.00	
Change Over Sub	1.00			4856.00	
Bullnose	5.00			4861.00	43.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
3118 Cummings Rd
Garden City KS 67846
ATTN: Kevin Timson

14-24s-30w-Gray,KS
Tegeler #1-14
Job Ticket: 51409 **DST#: 1**
Test Start: 2013.01.12 @ 00:43:58

Mud and Cushion Information

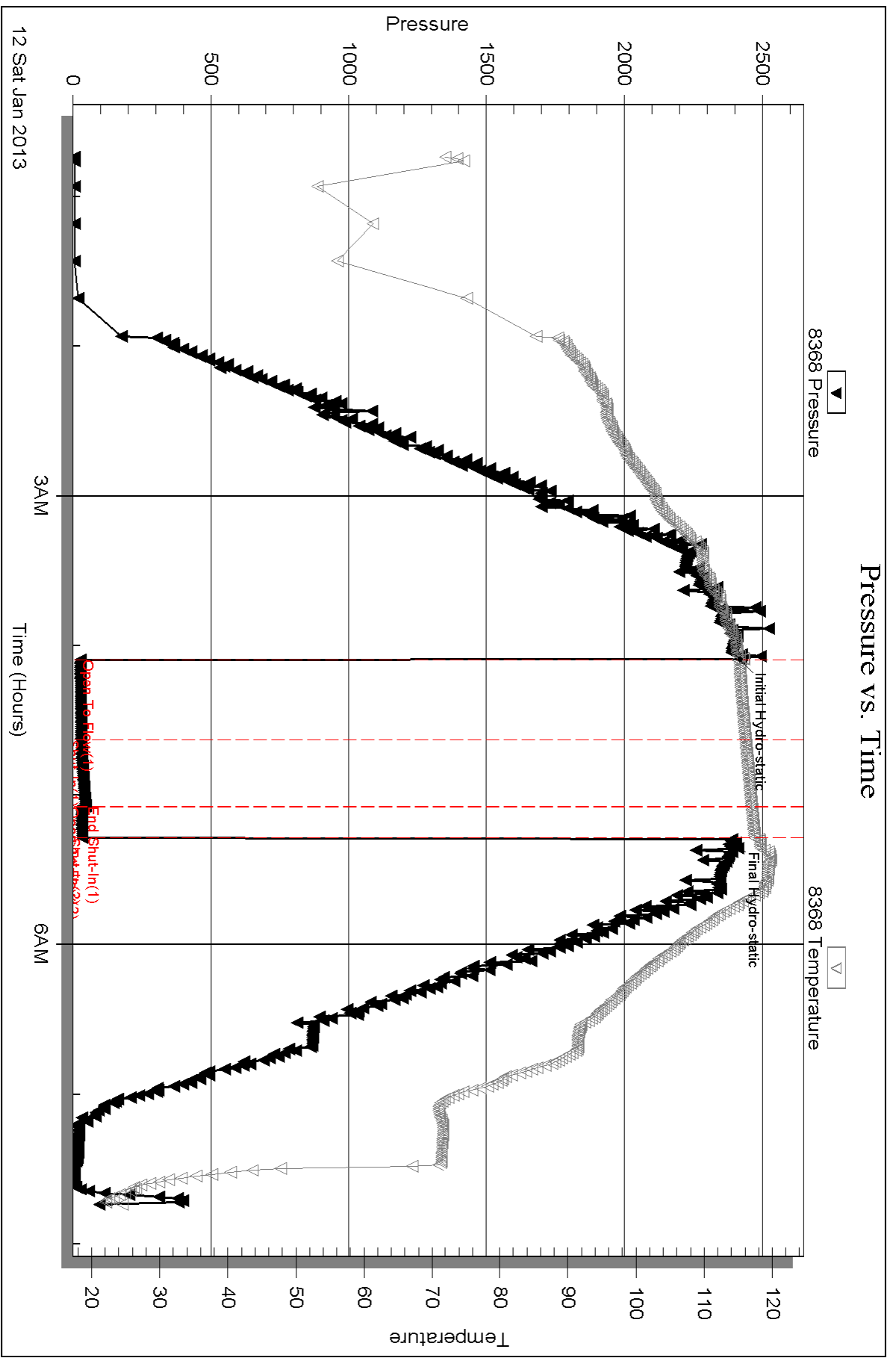
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%M with oil spots	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



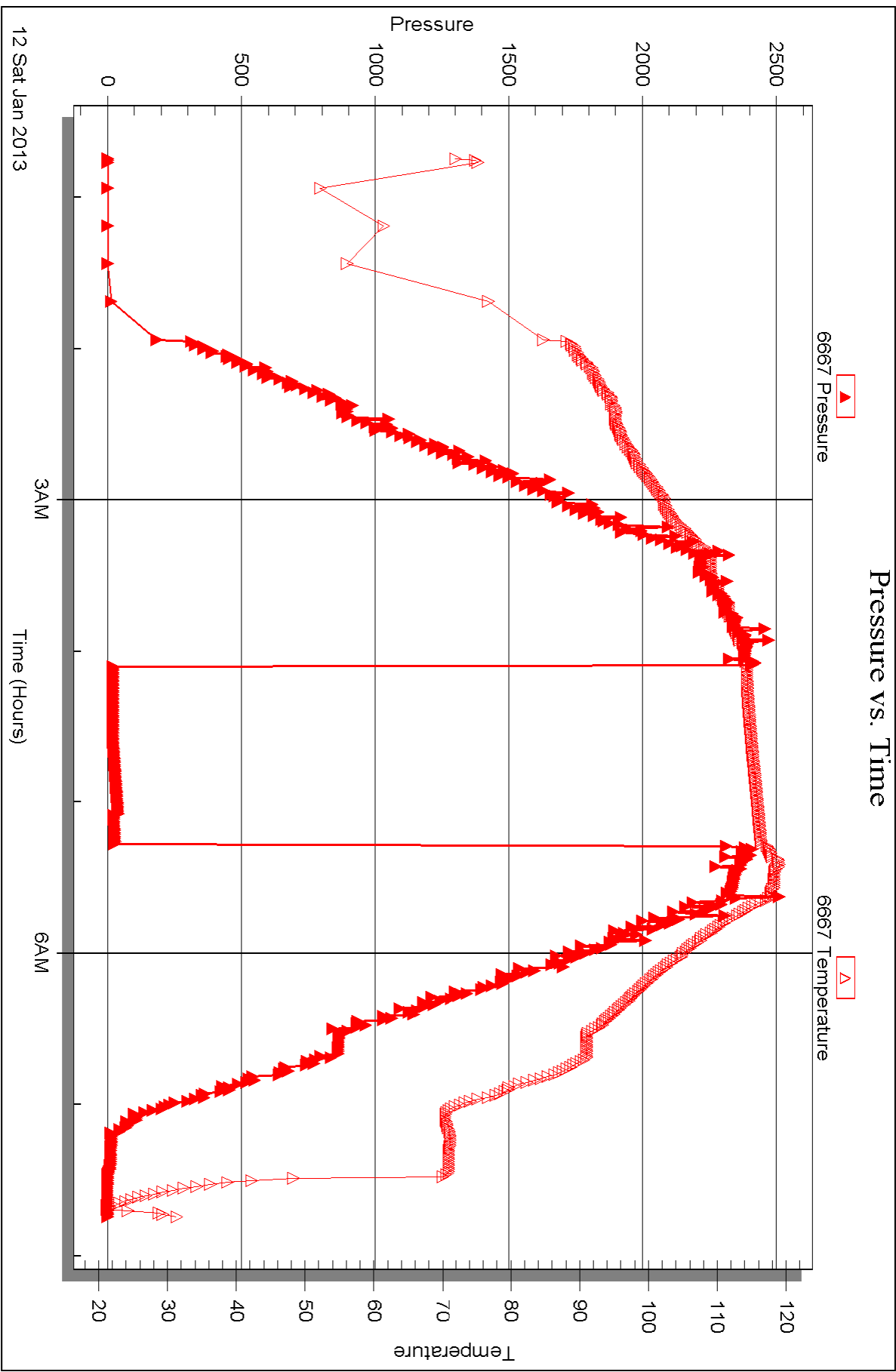
Serial #: 6667

Inside

American Warrior Inc.

Tegeler #1-14

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings Rd
Garden City KS 67846

ATTN: Kevin Timson

Tegeler #1-14

14-24s-30w-Gray,KS

Start Date: 2013.01.12 @ 16:55:20

End Date: 2013.01.13 @ 01:10:43

Job Ticket #: 51410 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.15 @ 10:44:24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
3118 Cummings Rd
Garden City KS 67846
ATTN: Kevin Timson

14-24s-30w-Gray,KS

Tegeler #1-14

Job Ticket: 51410

DST#: 2

Test Start: 2013.01.12 @ 16:55:20

GENERAL INFORMATION:

Formation: **Lower Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:13:20
 Time Test Ended: 01:10:43
 Interval: **4819.00 ft (KB) To 4881.00 ft (KB) (TVD)**
 Total Depth: 4881.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 55
 Reference Elevations: 2846.00 ft (KB)
 2833.00 ft (CF)
 KB to GR/CF: 13.00 ft

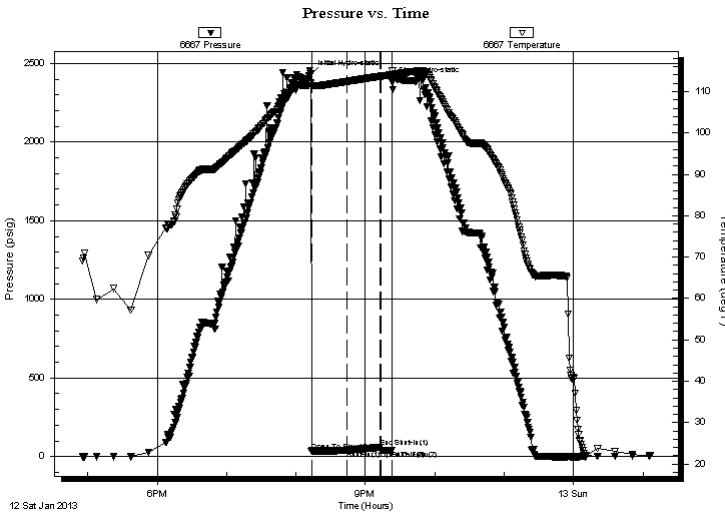
Serial #: 6667

Inside

Press @ Run Depth: 39.63 psig @ 4820.00 ft (KB)
 Start Date: 2013.01.12 End Date: 2013.01.13
 Start Time: 16:55:35 End Time: 01:10:43
 Capacity: 8000.00 psig
 Last Calib.: 2013.01.12
 Time On Btm: 2013.01.12 @ 20:13:05
 Time Off Btm: 2013.01.12 @ 21:23:20

TEST COMMENT: IF-Weak surface blow died at 22 mins.
 IS-Dead no return blow
 FF-Dead no blow
 FS-Pull it

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.81	112.04	Initial Hydro-static
1	35.63	111.51	Open To Flow (1)
31	39.63	112.45	Shut-In(1)
60	60.07	113.70	End Shut-In(1)
61	39.79	113.71	Open To Flow (2)
70	40.12	114.08	Shut-In(2)
71	2381.35	115.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.
3118 Cummings Rd
Garden City KS 67846
ATTN: Kevin Timson

14-24s-30w-Gray,KS
Tegeler #1-14
Job Ticket: 51410 **DST#: 2**
Test Start: 2013.01.12 @ 16:55:20

Tool Information

Drill Pipe:	Length: 4613.00 ft	Diameter: 3.80 inches	Volume: 64.71 bbl	Tool Weight:	22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 188.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	92000.00 lb
			<u>Total Volume: 65.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4819.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4793.00	
Shut In Tool	5.00			4798.00	
Hydraulic tool	5.00			4803.00	
Jars	5.00			4808.00	
Safety Joint	2.00			4810.00	
Packer	5.00			4815.00	27.00 Bottom Of Top Packer
Packer	4.00			4819.00	
Stubb	1.00			4820.00	
Recorder	0.00	6667	Inside	4820.00	
Recorder	0.00	8368	Outside	4820.00	
Perforations	3.00			4823.00	
Change Over Sub	1.00			4824.00	
Drill Pipe	32.00			4856.00	
Change Over Sub	1.00			4857.00	
perforations	19.00			4876.00	
Bullnose	5.00			4881.00	62.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

14-24s-30w-Gray,KS

3118 Cummings Rd
Garden City KS 67846

Tegeler #1-14

Job Ticket: 51410

DST#: 2

ATTN: Kevin Timson

Test Start: 2013.01.12 @ 16:55:20

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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

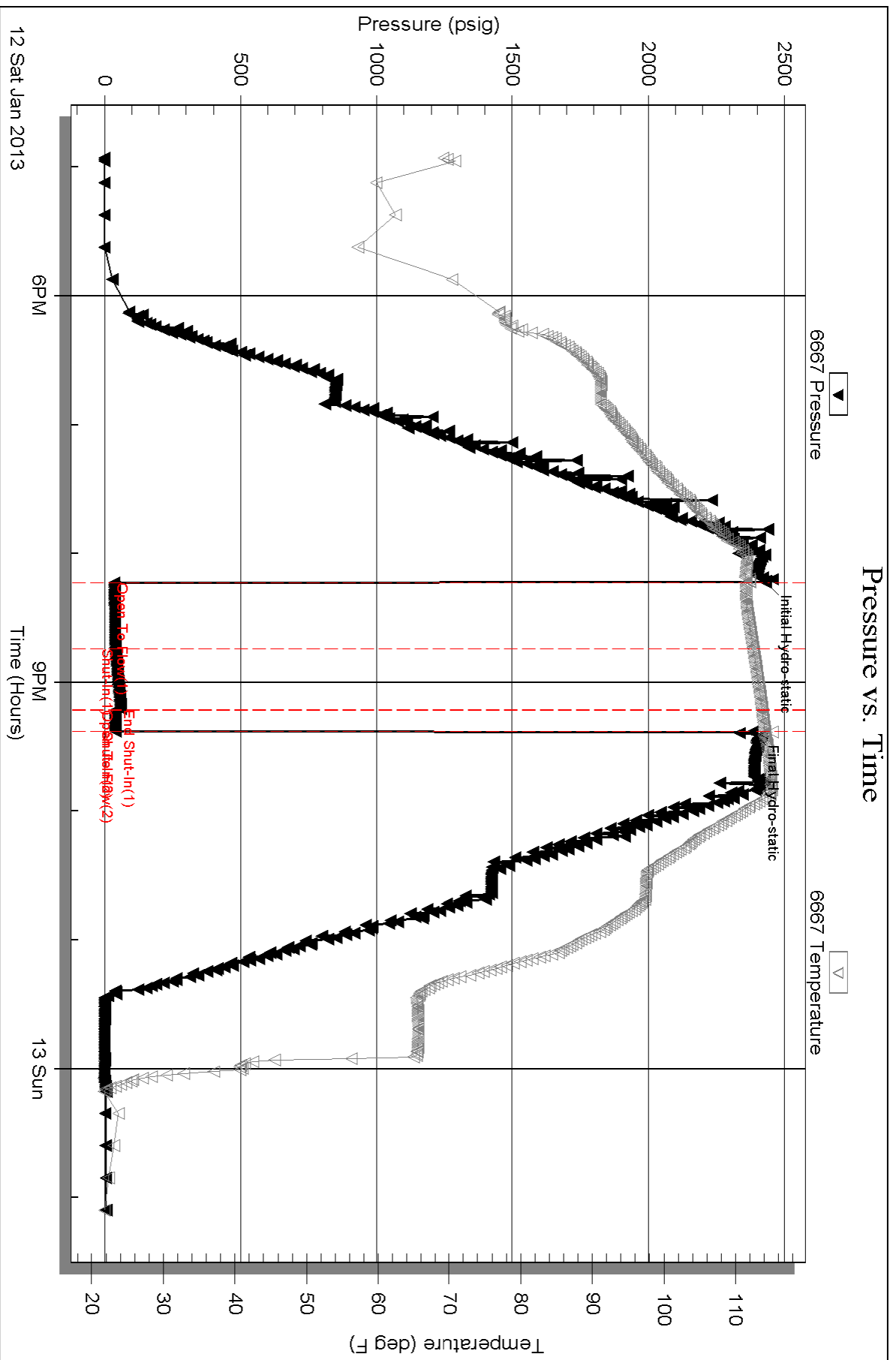
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

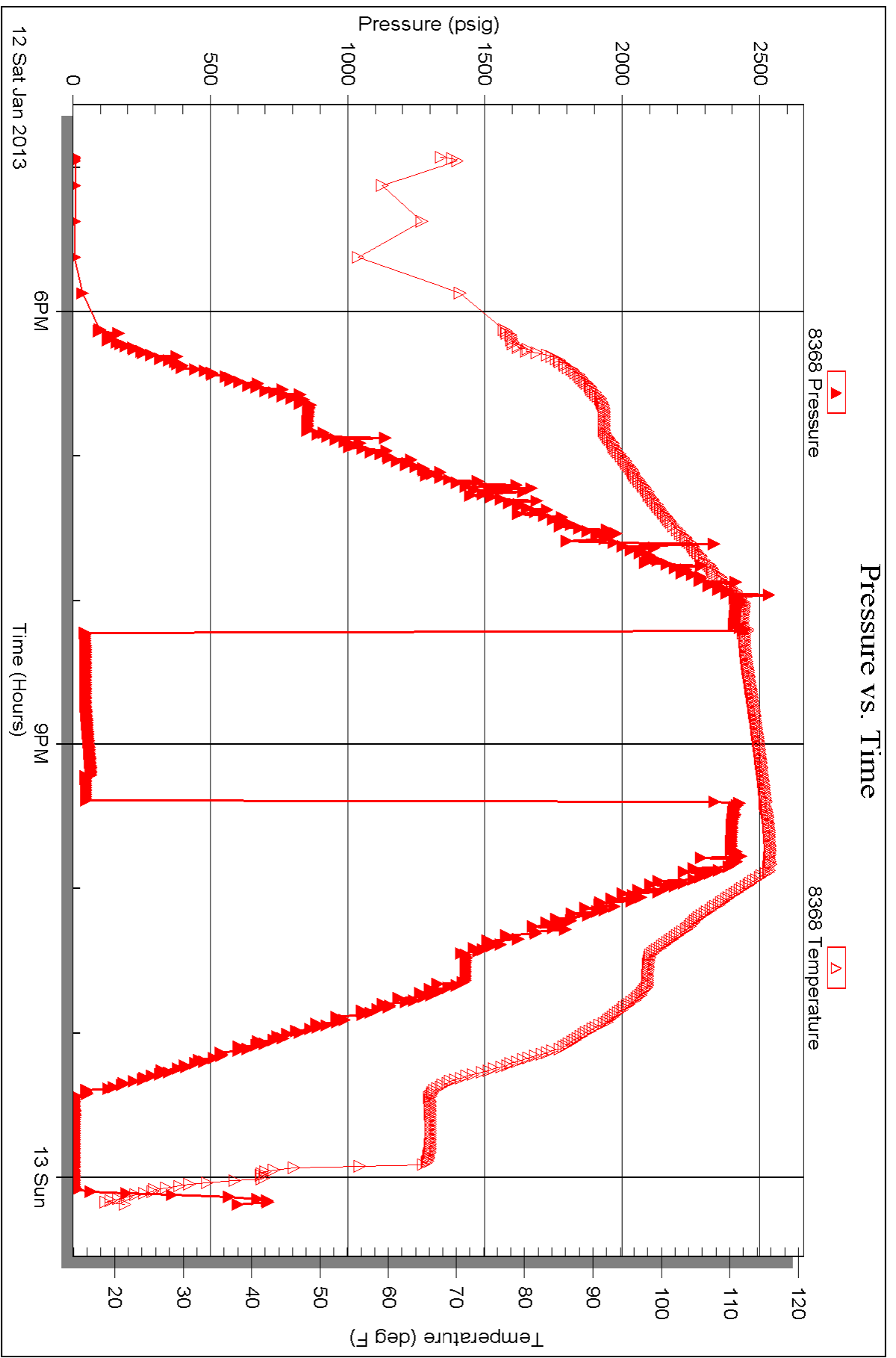


Serial #: 8368

Outside American Warrior Inc.

Tegeler #1-14

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51409

Well Name & No. Tejeler #1-14 Test No. 1 Date 1-11-13
 Company American Warrior Inc. Elevation 2846 KB 2833 GL
 Address 3118 Cummings Rd Gorda City KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #9
 Location: Sec. 14 Twp. 24S Rge. 30W Co. Gray State KS

Interval Tested 4818 4861 Zone Tested Morrow
 Anchor Length 43 Drill Pipe Run 4613 Mud Wt. 9.4
 Top Packer Depth 4814 Drill Collars Run 188 Vis 49
 Bottom Packer Depth 4818 Wt. Pipe Run 0 WL 60.4
 Total Depth 4861 Chlorides 3000 ppm System LCM 1#

Blow Description IF - weak surface blow died in 16 mins
FSI - dead no return blow
FF - Dead no blow
FSI

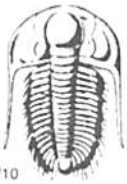
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>1</u>	Feet of <u>Mud with Oil spots</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT 118 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2417</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>23:15</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>00:43</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>N/C</u> 75	T-Open <u>4:04</u>
(D) Initial Shut-In <u>46</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>5:14</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>7:43</u>
(F) Second Final Flow <u>35</u>	<input checked="" type="checkbox"/> Mileage <u>100 R/T</u> 155	Comments
(G) Final Shut-In	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2392</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>pullit</u>	<input type="checkbox"/> Day Standby	Total <u>1730</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1730</u>	

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51410

Well Name & No. Tegeter # 1-14 Test No. 2 Date 1-12-13
 Company American Warrior Inc. Elevation 2846 KB 2833 GL
 Address _____
 Co. Rep / Geo. Kevin Timson Rig Duke #9
 Location: Sec. 14 Twp. 24S Rge. 30W Co. Gray State KS

Interval Tested 4819 4881 Zone Tested Lower Morrow
 Anchor Length _____ 62 Drill Pipe Run 4613 Mud Wt. 9.4
 Top Packer Depth _____ 4815 Drill Collars Run 188 Vis 66
 Bottom Packer Depth _____ 4819 Wt. Pipe Run 0 WL 8.0
 Total Depth _____ 4881 Chlorides 3500 ppm System LCM 2#

Blow Description TP - Weak surface blow died at 22 mins
ISI - Dead no return blow
PF - Dead no blow
FSL - ~~~~~

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>mud</u>	%gas	%oil	%water	<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2429</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>16:04</u>
(B) First Initial Flow <u>36</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:55</u>
(C) First Final Flow <u>340</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:12</u>
(D) Initial Shut-In <u>60</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>21:22</u>
(E) Second Initial Flow <u>40</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:10</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT x2</u> ³¹⁰	Comments <u>Loaded tools @ 22:30 1-14-12</u>
(G) Final Shut-In _____	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2381</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby 1d 22.25h
 Accessibility

Sub Total 1885

Sub Total 800
 Total 2685
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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.

Geological Report

American Warrior, Inc.

Tegeler #1-14

375' FNL & 1747' FEL

Sec. 14, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Tegeler #1-14
375' FNL & 1747' FEL
Sec. 14, T24s, R30w
Gray County, Kansas
API # 15-069-20406-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: January 4, 2013

Completion Date: January 14, 2013

Elevation 2833' Ground Level
2846' 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 2 miles East on C Rd. and South into location.

Casing: #28 8 5/8" surface casing set @ 454' with 275 sacks Class A, 3% c.c, 2% gel.

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

Drilling Time: 4000' to RTD

Electric Logs: Pioneer "J. Long" Dual Compensated Porosity, Dual Induction, Microresistivity, Sonic Log.

Drillstem Tests: Two Trilobite Testing "Tate Lang"

Remarks: None

Formation Tops

Formation

Heebner

Lansing

Stark

BKc

Marmaton

Pawnee

Fort Scott

Cherokee

Atoka

Morrow

Miss

RTD

LTD

American Warrior, Inc.

Tegeler #1-14

Sec. 14, T24s, R30w

375' FNL & 1747' FEL

4066' -1220

4113' -1267

4445' -1599

4571' -1725

4595' -1749

4673' -1827

4703' -1857

4719' -1873

4811' -1965

4844' -1998

4873' -2027

5000' -2154

5003' -2157

Sample Zone Descriptions

Pawnee Limestone (4673', -1827): Not Tested

Limestone tan. Sub to fine crystalline. Fair to good oomoldic porosity and fair to good oolycastic porosity. Barren. Chalky. Δ-off white/brown.

Morrow Sandstone (4844', 1998): Covered in DST #1 & DST #2

Sandstone gray. Very fine to fine grain. Sub angular, well sorted. Poor intercrystalline porosity. Slight to fair stain. Slight saturation. Show of free oil when broken. Slight odor.

Drill Stem Tests
Trilobite Testing Inc.
"Tate Lang"

DST #1

Morrow Sand

Interval (4818' – 4861') Anchor Length 43'

IHP	- 2417 #	
IFP	- 30" – WSB died in 16 min	27-31 #
ISI	- 30" – No Return	46 #
FFP	- 10" – No blow	31-35 #
FSIP	- Pull Tool	NA
FHP	- 2392 #	
BHT	- 118 ° F	

Recovery: 1' Mud with oil spots

DST #2

Morrow Sand

Interval (4819' – 4881') Anchor Length 62'

IHP	- 2429 #	
IFP	- 30" – WSB died in 22 min	36-40 #
ISI	- 30" – No Return	60 #
FFP	- 10" – No Blow	40-40 #
FSIP	- Pull Tool	NA
FHP	- 2381 #	
BHT	- 115 ° F	

Recovery: 5' Mud

Structural Comparison

Formation	American Warrior, Inc. Tegeler #1-14 Sec. 14, T24s, R30w 375' FNL & 1747' FEL		American Warrior, Inc. Wehkamp #1-15 Sec. 15, T24s, R30w 394' FNL & 652' FWL		American Warrior, Inc. O'Brate Unit #1-12 Sec. 12, T24s, R30w 159' FSL & 1649' FWL
	Depth (ft)	Delta (ft)	Depth (ft)	Delta (ft)	Depth (ft)
Heebner	4066' -1220	-24	4052' -1196	+12	4069' -1232
Lansing	4113' -1267	-22	4101' -1245	+14	4118' -1281
Stark	4445' -1599	-31	4424' -1568	+5	4441' -1604
BKC	4571' -1725	-8	4573' -1717	+8	4570' -1733
Marmaton	4595' 1749	-8	4597' -1741	+6	4591' -1754
Pawnee	4673' -1827	-13	4670' -1814	+8	4672' -1835
Fort Scott	4703' -1857	-17	4696' -1840	+9	4703' -1866
Cherokee	4719' -1873	-19	4710' -1854	+7	4717' -1880
Atoka	4811' -1965	-20	4801' -1945	+7	4815' -1978
Morrow	4844' -1998	-16	4839' -1983	+11	4846' -2009
Miss	4873' -2027	+17	4900' -2044	+23	4897' -2060

Summary

The location for the Tegeler #1-14 well was found via 3-D seismic. The new well ran structurally as expected. Two drill stem tests were conducted which were negative. After all the gathered data had been examined, the decision was made to plug and abandon the Tegeler #1-14 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

