

KANSAS CORPORATION COMMISSION 1094259
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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 #: _____

08/11/2012 08/18/2012 08/18/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-135-25454-00-00

Spot Description: _____
SW NE SE SE Sec. 34 Twp. 20 S. R. 26 ☐ East ☒ West
770 Feet from ☐ North / ☒ South Line of Section
347 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Ness

Lease Name: Goodman Well #: 1-34

Field Name: _____

Producing Formation: None

Elevation: Ground: 2418 Kelly Bushing: 2431

Total Depth: 4427 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 267 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 Gambo Date: 09/21/2012



1094259

Operator Name: American Warrior, Inc. Lease Name: Goodman Well #: 1-34
 Sec. 34 Twp. 20 S. R. 26 ☐ East ☒ West County: Ness

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Electric Log Submitted Electronically ☐ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☒ Sample Name Top Datum Attached Attached Attached
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CASING RECORD ☒ New ☐ 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
Surface	12.250	8.625	23	267	Class A	175	3%CC, 2% gel

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 (Amount and Kind of Material Used)	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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Goodman 1-34
Doc ID	1094259

Tops

Anhy	1655'	+772
B/Anhy	1690'	-737
Heebner	3739'	-1312
Lansing	3786'	-1359
Stark	4067'	-1640
B/KC	4160'	-1733
Marmaton	4192'	-1765
Ft.Scott	4307'	-1880
Cherokee	4332'	-1905

Geological Report

American Warrior, Inc.

Goodman #1-34

800' FSL & 335' FEL

Sec. 34, T20s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Goodman #1-34
800' FSL & 335' FEL
Sec. 34, T20s, R26w
Ness County, Kansas
API # 15-135-25454-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: August 11, 2012

Completion Date: August 18, 2012

Elevation 2414' Ground Level
2427' Kelly Bushing

Directions: From approximately .5 miles North of Beeler, KS at intersection of Hwy 96 and C Rd South. Go 12 miles South on C Rd to the NW corner of section. Now go .7 miles South on C Rd to ingress stake East into. Now go 1 mile East on trail and South into location.

Casing: #23, 8 5/8" surface casing @ 267 with 175 sacks
Class A 3% CC, 2% gel, Allied.

Samples: 10' wet and dry, 3700' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Ray Schwager"

Remarks: Drill bit problems made it impossible to pick a definitive Mississippi top without logs.

Formation Tops

Formation

Anhydrite

Base

Heebner

Lansing

Stark

BKC

Marmaton

Pawnee

Fort Scott

Cherokee

Mississippian

RTD

American Warrior, Inc.

Goodman #1-34

Sec. 34, T20s, R26w

800' FSL & 335' FEL

1655' +772

1690' +737

3739' -1312

3786' -1359

4067' -1640

4160' -1733

4192' -1765

4271' -1844

4307' -1880

4332' -1905

NA

4427' -2000

Sample Zone Descriptions

Mississippian Warsaw (4418', -1991): Covered in DST #1

Dolomite- Grey. Sub to fine crystalline. Poor vuggy porosity. Light stain. No show of free oil. Fair odor.

Mississippian Warsaw (4427' , -2000): Covered in DST #2

Dolomite- Grey. Fine crystalline. Poor to fair vuggy porosity. Slight to fair stain. Fair odor. Slight show of free oil.

Drill Stem Tests
Trilobite Testing Inc.
"Ray Schwager"

DST #1

Mississippian Warsaw

Interval (4354' - 4418') Anchor Length 64'

IHP	- 2125 #	
IFP	- 30" – Surface blow, died in 10 min	18-20 #
ISI	- 30" – No blow.	152 #
FFP	- 10" – No blow.	21-21 #
FSIP	- Pull tool	NA
FHP	- 2110 #	
BHT	- 117 ° F	

Recovery: 5' OCM (6% oil, 94% mud)

DST #2

Mississippian Warsaw

Interval (4353' – 4427') Anchor Length 73'

IHP	- 2132 #	
IFP	- 30" – Weak Blow Surface to 1/2" Blow	21-43 #
ISI	- 30" – No Blow	1173 #
FFP	- 30" – Surface Blow	45-68 #
FSIP	- 30" – No Blow	1142 #
FHP	- 2090 #	
BHT	- 117 ° F	

Recovery: 70' MW (75% water, 25% mud, with show of oil)

Structural Comparison

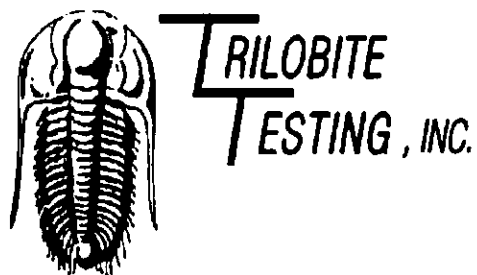
	American Warrior, Inc. Goodman #1-34 Sec. 34, T20s, R26w 800' FSL & 335' FEL	Palomino Petroleum Inc. #1 Goodman Family Trust Sec. 35, T20s, R26w 1500' FSL & 1150' FWL	
Formation			
Anhydrite	1655' +772	NA	NA
Base	1690' +737	NA	NA
Heebner	3739' -1312	3760' -1313	+1
Lansing	3786' -1359	3805' -1358	-1
Stark	4067' -1640	4083' -1636	-4
BKC	4160' -1733	4176' -1729	-4
Marmaton	4192' -1765	4204' -1757	-8
Pawnee	4271' -1844	4282' -1835	-9
Fort Scott	4307' -1880	4324' -1877	-3
Cherokee	4332' -1905	4347' -1900	-5
Mississippian	NA	4421' -1974	NA

Summary

The location for the Goodman #1-34 well was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted, which both were negative. After all the gathered data had been examined the decision was made to plug and abandon the Goodman #1-34 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: Cecil O'Brate

Goodman #1-34

34-20s-26w Ness,KS

Start Date: 2012.08.17 @ 00:15:42

End Date: 2012.08.17 @ 07:25:36

Job Ticket #: 47440 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.21 @ 15:52:46

American Warrior Inc 34-20s-26w Ness,KS Goodman #1-34 DST # 1 Miss 2012.08.17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

34-20s-26w Ness, KS

Goodman #1-34

Job Ticket: 47440

DST#: 1

Test Start: 2012.08.17 @ 00:15:42

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:48:07

Time Test Ended: 07:25:36

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 4354.00 ft (KB) To 4318.00 ft (KB) (TVD)

Total Depth: 4418.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2427.00 ft (KB)

2413.00 ft (CF)

KB to GR/CF: 14.00 ft

Serial #: 8369

Inside

Press@RunDepth: 20.61 psig @ 4357.00 ft (KB)

Start Date: 2012.08.17

End Date:

2012.08.17

Capacity: 8000.00 psig

Last Calib.: 2012.08.17

Start Time: 00:15:42

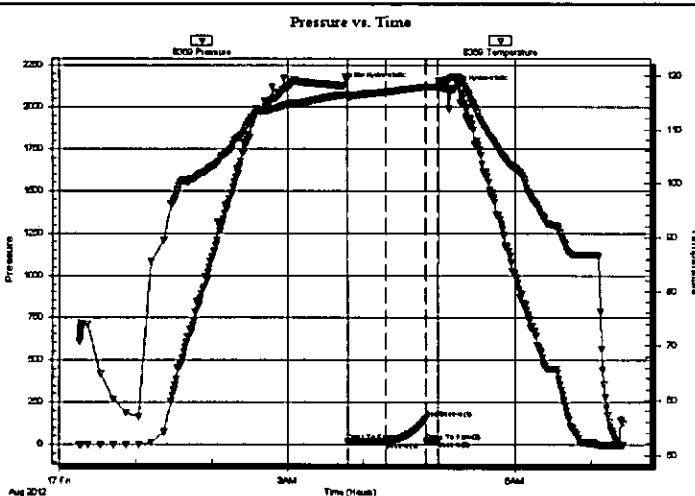
End Time:

07:25:36

Time On Btm: 2012.08.17 @ 03:42:37

Time Off Btm: 2012.08.17 @ 05:03:36

TEST COMMENT: 30-IFP-surface bl, died in 10 min
30-ISIP-no bl
10-FFP-no bl, pulled tool



PRESSURE SUMMARY

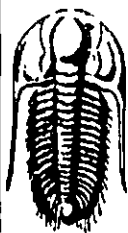
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.41	116.37	Initial Hydro-static
6	18.33	115.79	Open To Flow (1)
36	20.61	116.97	Shut-In(1)
67	152.86	117.91	End Shut-In(1)
68	21.09	117.86	Open To Flow (2)
77	21.84	117.94	Shut-In(2)
81	2110.09	119.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 6% O94%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

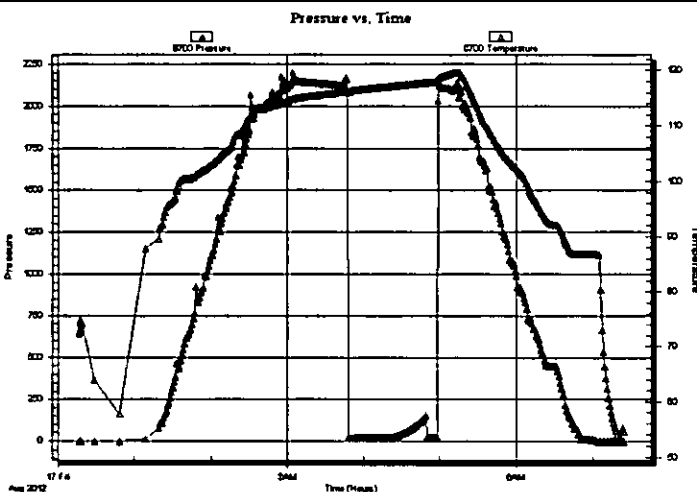
34-20s-26w Ness, KS
Goodman #1-34
Job Ticket: 47440 **DST#: 1**
Test Start: 2012.08.17 @ 00:15:42

GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 03:48:07
Time Test Ended: 07:25:36
Interval: **4354.00 ft (KB) To 4318.00 ft (KB) (TVD)**
Total Depth: **4418.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2427.00 ft (KB)**
2413.00 ft (CF)
KB to GR/CF: **14.00 ft**

Serial #: 8700 **Outside**
Press@RunDepth: **psig @ 4357.00 ft (KB)**
Start Date: **2012.08.17** End Date: **2012.08.17** Capacity: **8000.00 psig**
Start Time: **00:16:42** End Time: **07:24:36** Last Calib.: **2012.08.17**
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP-surface bl, died in 10 min
30-ISIP-no bl
10-FFP-no bl, pulled tool



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
5.00	OCM 6% O94% M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

34-20s-26w Ness, KS

PO Box 399
Garden City KS 67846

Goodman #1-34

Job Ticket: 47440

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2012.08.17 @ 00:15:42

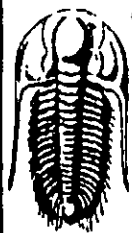
Tool Information

Drill Pipe:	Length: 4175.00 ft	Diameter: 3.80 inches	Volume: 58.56 bbl	Tool Weight: 2200.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 59.45 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4354.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4327.00	
Shut In Tool	5.00			4332.00	
Hydraulic tool	5.00			4337.00	
Jars	5.00			4342.00	
Safety Joint	2.00			4344.00	
Packer	5.00			4349.00	28.00 Bottom Of Top Packer
Packer	5.00			4354.00	
Stubb	1.00			4355.00	
Perforations	2.00			4357.00	
Recorder	0.00	8369	Inside	4357.00	
Recorder	0.00	8700	Outside	4357.00	
Blank Spacing	33.00			4390.00	
Perforations	25.00			4415.00	
Bullnose	3.00			4418.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

34-20s-26w Ness, KS

PO Box 399
Garden City KS 67846

Goodman #1-34

Job Ticket: 47440

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2012.08.17 @ 00:15:42

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM 6%O94%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:

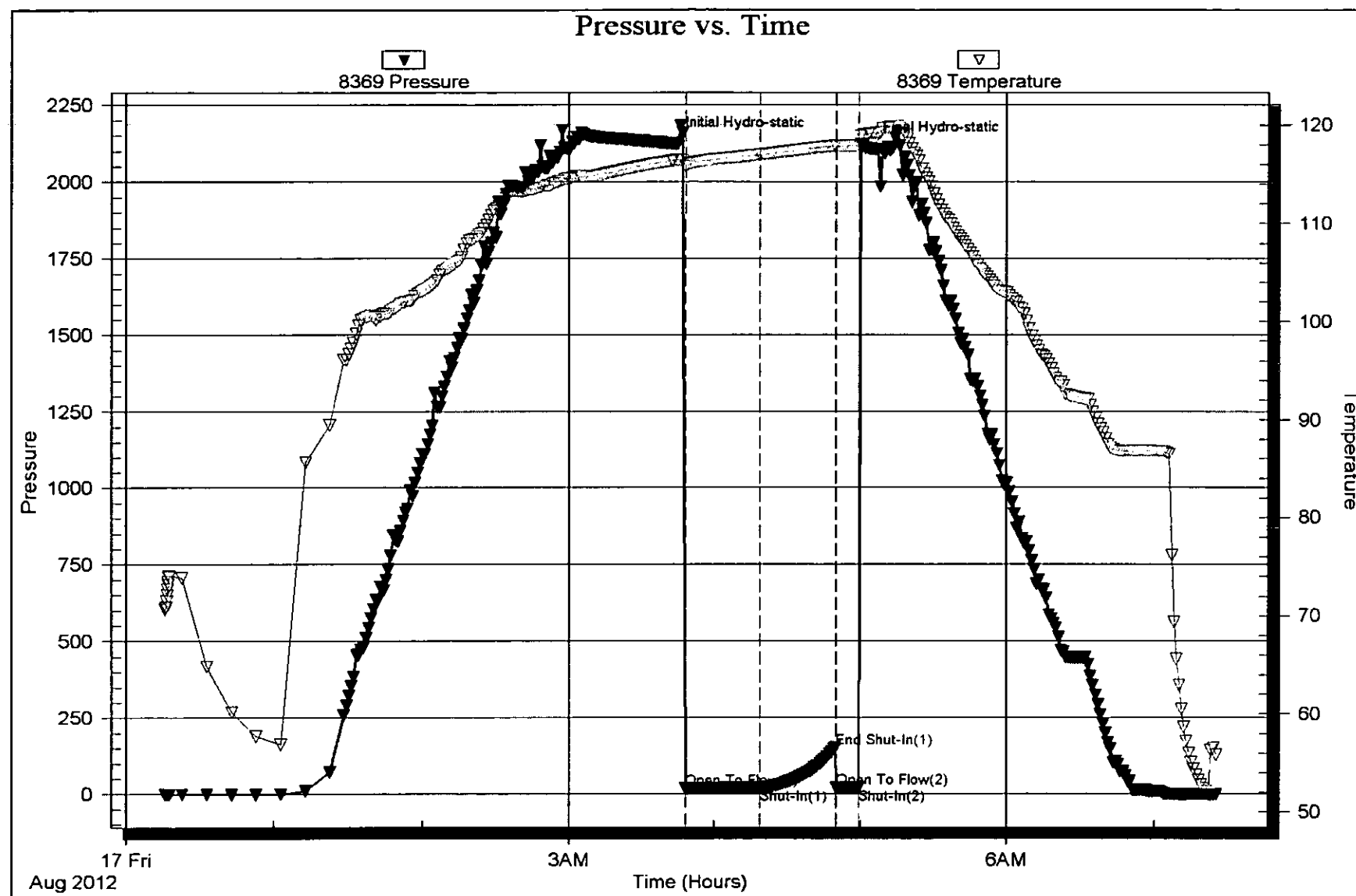
Serial #: 8369

Inside

American Warrior Inc

Goodman #1-34

DST Test Number: 1

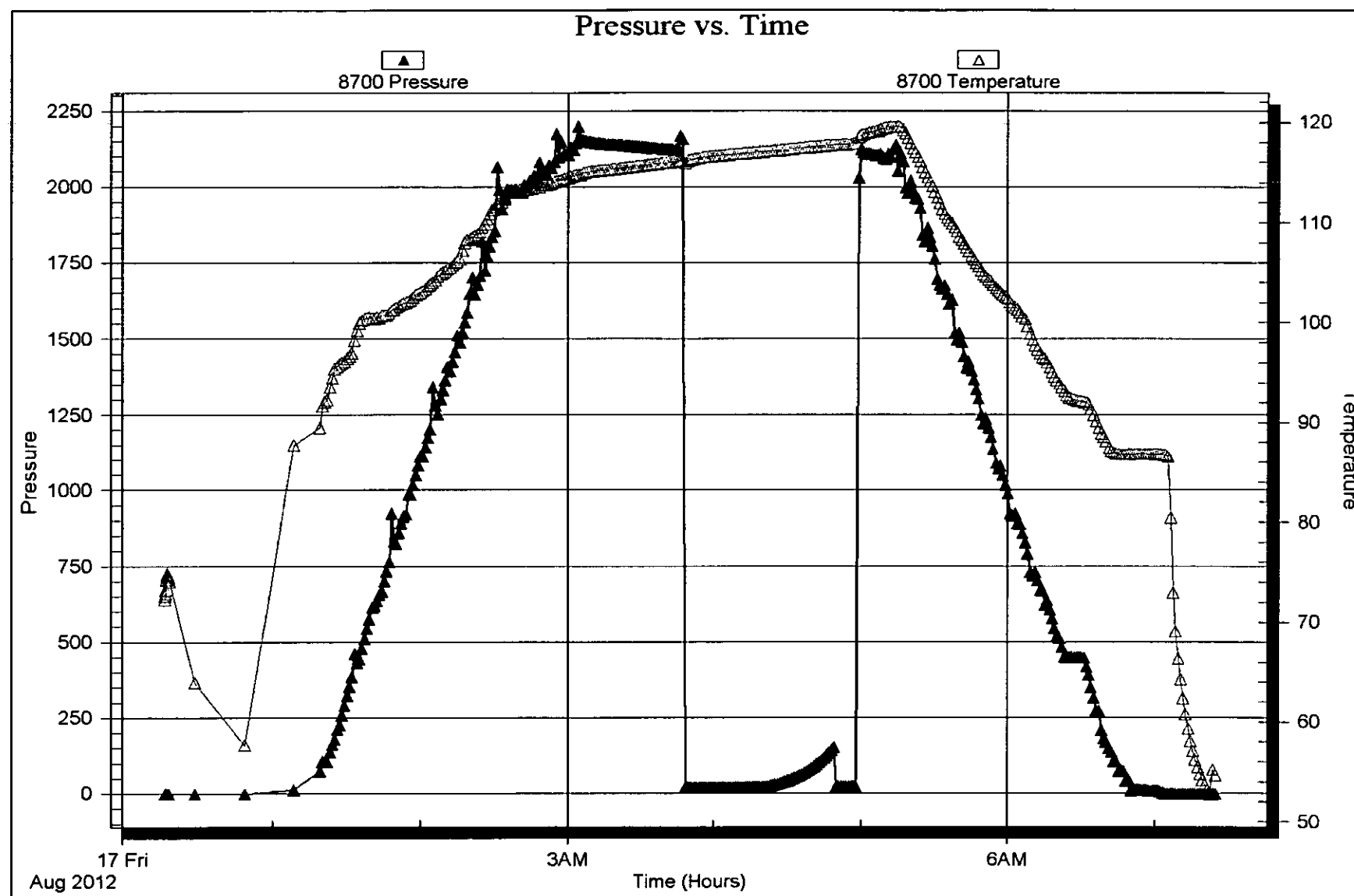


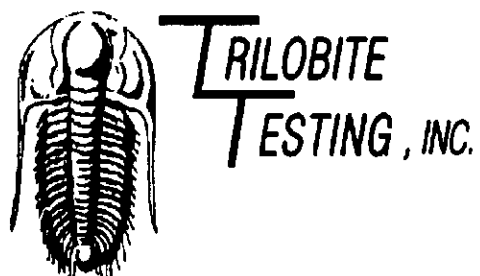
Serial #: 8700

Outside American Warrior Inc

Goodman #1-34

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

Goodman #1-34

34-20s-26w Ness,KS

Start Date: 2012.08.17 @ 13:36:00

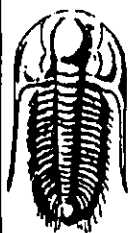
End Date: 2012.08.17 @ 19:54:24

Job Ticket #: 47441 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.21 @ 15:51:54

American Warrior Inc 34-20s-26w Ness,KS Goodman #1-34 DST # 2 Miss 2012.08.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

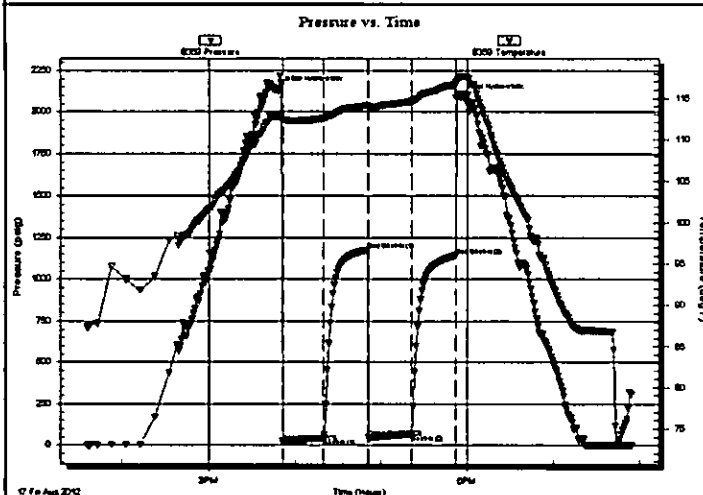
34-20s-26w Ness, KS
Goodman #1-34
Job Ticket: 47441 **DST#: 2**
Test Start: 2012.08.17 @ 13:36:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 15:51:25
Time Test Ended: 19:54:24
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Ray Schwager**
Unit No: **42**
Interval: **4353.00 ft (KB) To 4427.00 ft (KB) (TVD)**
Reference Elevations: **2427.00 ft (KB)**
Total Depth: **4427.00 ft (KB) (TVD)**
2413.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **14.00 ft**

Serial #: 8369 **Inside**
Press@RunDepth: **68.12 psig @ 4359.00 ft (KB)**
Start Date: **2012.08.17** End Date: **2012.08.17** Capacity: **8000.00 psig**
Start Time: **13:36:00** End Time: **19:54:24** Last Calib.: **2012.08.17**
Time On Btm: **2012.08.17 @ 15:47:55**
Time Off Btm: **2012.08.17 @ 17:54:54**

TEST COMMENT: 30-IFP-w k bl surface to 1/2" bl
30-ISIP-no bl
30-FFP-surface bl
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.76	112.64	Initial Hydro-static
4	21.71	112.29	Open To Flow (1)
32	43.13	112.46	Shut-In(1)
63	1173.27	114.09	End Shut-In(1)
63	45.81	113.80	Open To Flow (2)
94	68.12	114.58	Shut-In(2)
124	1142.71	116.53	End Shut-In(2)
127	2090.80	117.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 25% M75% W	0.34

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

34-20s-26w Ness,KS

Goodman #1-34

Job Ticket: 47441

DST#: 2

Test Start: 2012.08.17 @ 13:36:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:51:25

Time Test Ended: 19:54:24

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **4353.00 ft (KB) To 4427.00 ft (KB) (TVD)**

Total Depth: **4427.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2427.00 ft (KB)**

2413.00 ft (CF)

KB to GR/CF: **14.00 ft**

Serial #: 8700 Outside

Press@RunDepth: **psig @ 4359.00 ft (KB)**

Start Date: **2012.08.17**

End Date:

2012.08.17

Capacity: **8000.00 psig**

Last Calib.:

2012.08.17

Start Time: **13:41:28**

End Time:

19:54:22

Time On Btm:

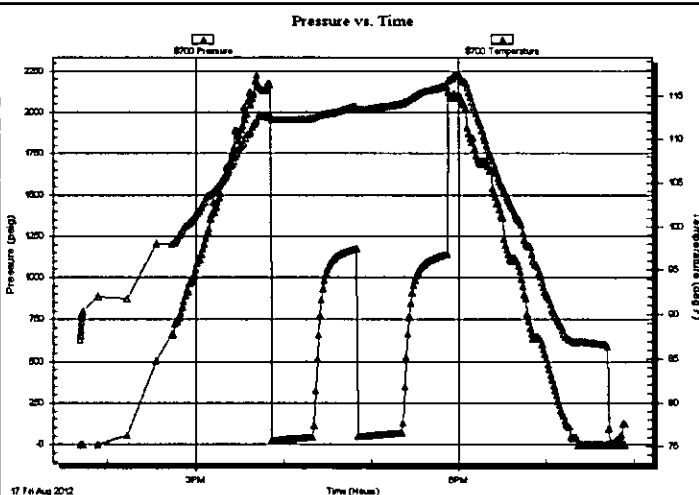
Time Off Btm:

TEST COMMENT: **30-IFP-w k bl surface to 1/2" bl**

30-ISIP-no bl

30-FFP-surface bl

30-FSIP-no bl



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
70.00	MW 25% M75% W	0.34

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

34-20s-26w Ness, KS

PO Box 399
Garden City KS 67846

Goodman #1-34

Job Ticket: 47441

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2012.08.17 @ 13:36:00

Tool Information

Drill Pipe:	Length: 4174.00 ft	Diameter: 3.80 inches	Volume: 58.55 bbl	Tool Weight: 2200.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 59.44 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4353.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4326.00	
Shut In Tool	5.00			4331.00	
Hydraulic tool	5.00			4336.00	
Jars	5.00			4341.00	
Safety Joint	2.00			4343.00	
Packer	5.00			4348.00	28.00 Bottom Of Top Packer
Packer	5.00			4353.00	
Stubb	1.00			4354.00	
Perforations	5.00			4359.00	
Recorder	0.00	8369	Inside	4359.00	
Recorder	0.00	8700	Outside	4359.00	
Blank Spacing	64.00			4423.00	
Bullnose	3.00			4426.00	73.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

34-20s-26w Ness, KS

PO Box 399
Garden City KS 67846

Goodman #1-34

Job Ticket: 47441

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2012.08.17 @ 13:36:00

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:

28000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.53 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MW 25% M75% W	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

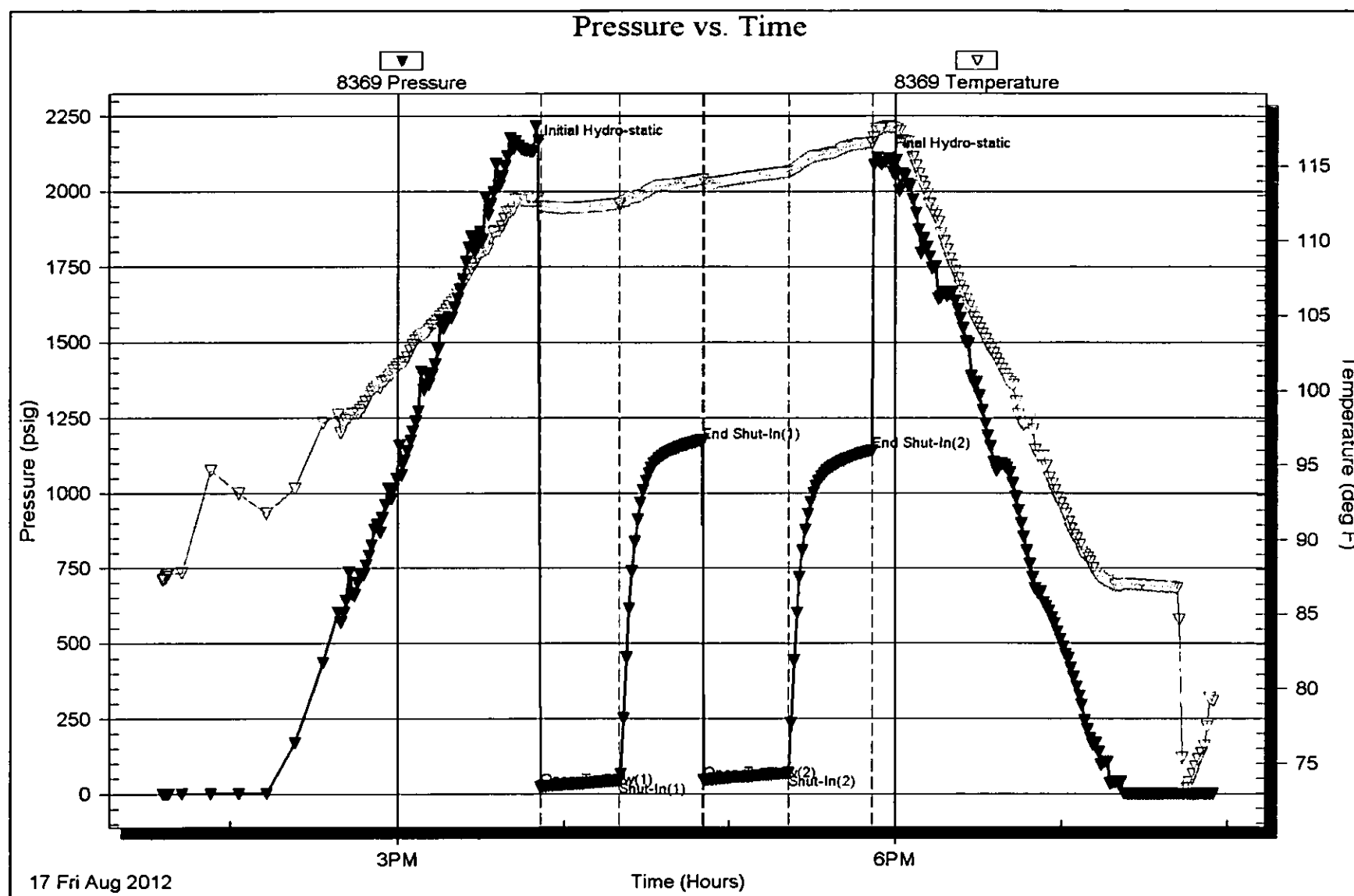
Recovery Comments: RW .23@70F

Serial #: 8369

Inside American Warrior Inc

Goodman #1-34

DST Test Number: 2

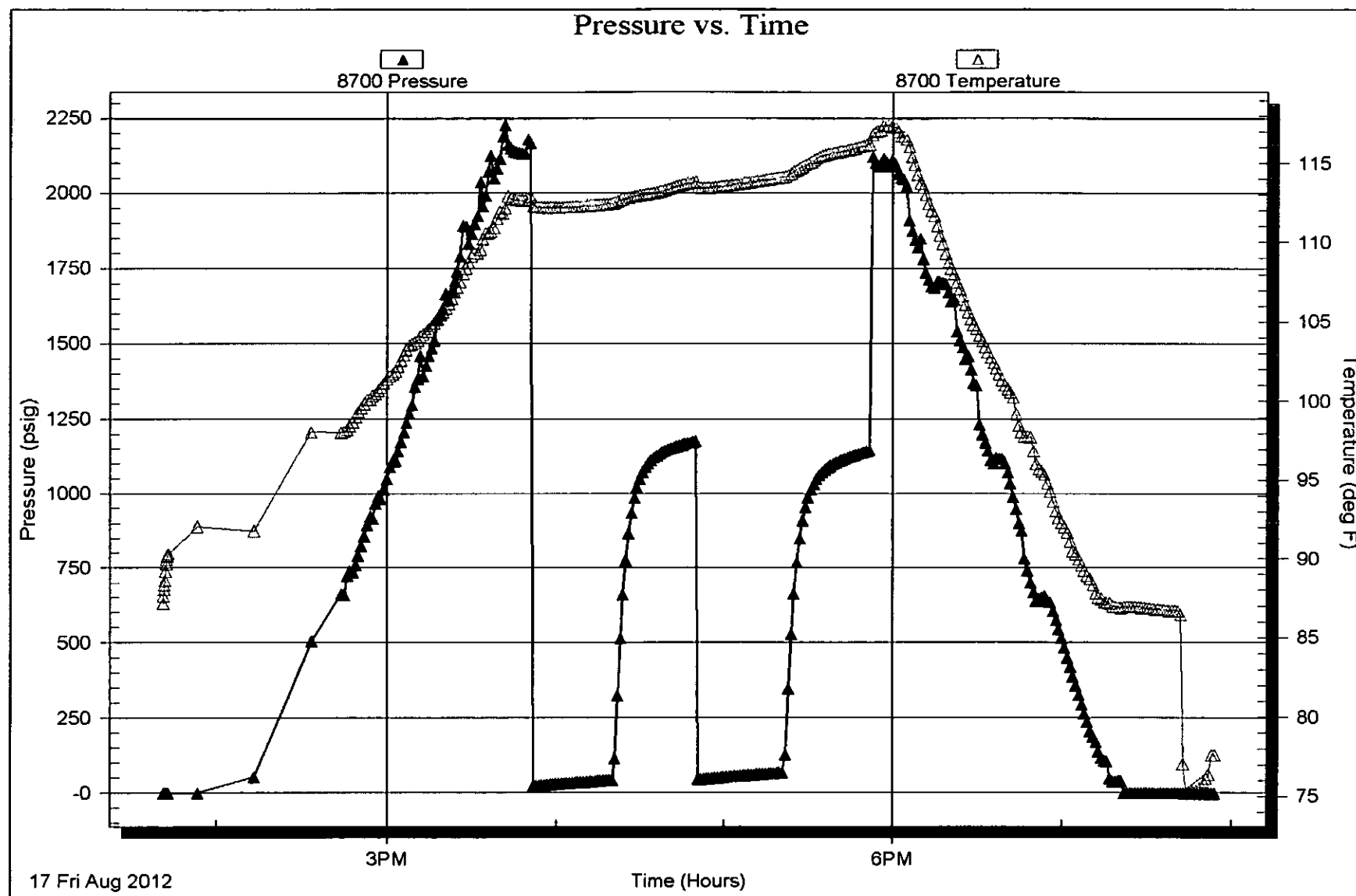


Serial #: 8700

Outside American Warrior Inc

Goodman #1-34

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47440

Well Name & No. Goodman #1-34 Test No. 1 Date 8-16-12
Company AMERICAN WARRIOR INC Elevation 2427 KB 2413 GL
Address PO Box 399 Garden City, KS 67846
Co. Rep / Geo. Kevin Timson Rig Duck 199
Location: Sec. 34 Twp. 20S Rge. 26W Co. Ness State Ks

Interval Tested 4354-4418 Zone Tested MISS
Anchor Length 64 Drill Pipe Run 4175 Mud Wt. 9.2
Top Packer Depth 4349 Drill Collars Run 180 Vis 44
Bottom Packer Depth 4354 Wt. Pipe Run - WL 9.6
Total Depth 4418 Chlorides 2900 ppm System LCM -
Blow Description IFP - SURFACE BLOW, died in 10 min
ISDP - NO BLOW
FFP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OCM</u>	<u>6</u>		<u>94</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 5 BHT 117 Gravity - API RW - @ - °F Chlorides - ppm
(A) Initial Hydrostatic 2125 ☒ Test - T-On Location 2305
(B) First Initial Flow 18 ☒ Jars 250 T-Started 0015
(C) First Final Flow 20 ☒ Safety Joint 75 T-Open 0350
(D) Initial Shut-In 152 ☐ Circ Sub - T-Pulled 0500
(E) Second Initial Flow 21 ☐ Hourly Standby - T-Out 0725
(F) Second Final Flow 21 ☒ Mileage 185 RT 286.75 Comments -
(G) Final Shut-In - ☐ Sampler -
(H) Final Hydrostatic 2110 ☐ Straddle -

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

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1861.75
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1861.75
MP/DST Disc't -

Approved By -

Our Representative

RAY SCHWAGER THANK YOU

TriLOBITE Testing Inc. shall not be liable for damaged or 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. 47441

Well Name & No. Goodman #1-34 Test No. 2 Date 8-17-12
Company AMERICAN WARRIOR INC Elevation 2427 KB 2413 GL
Address P.O. Box 399 Garden City, Mo 67846
Co. Rep / Goo. Kevin Timson Rig Duke 1199
Location: Sec. 34 Twp. 20S Rge. 26W Co. NESS State Mo

Interval Tested 4353-4427 Zone Tested MISS
Anchor Length 73 Drill Pipe Run 4174 Mud Wt. 9.2
Top Packer Depth 4348 Drill Collars Run 180 Vis 44
Bottom Packer Depth 4353 Wt. Pipe Run - WL 9.6
Total Depth 4427 Chlorides 2900 ppm System LCM -

Blow Description IFP - WEAK Blow surface to 1/2" Blow
TSIP - NO Blow
FFP - SURFACE Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>Muddy water</u>			<u>75</u>	<u>25</u>
	<u>w/show of oil</u>				

Rec Total 70 BHT 117 Gravity - API RW .23 @ 70 °F Chlorides 28000 ppm
(A) Initial Hydrostatic 2132 ☒ Test T-On Location 1310
(B) First Initial Flow 21 ☒ Jars 250 T-Started 1335
(C) First Final Flow 43 ☒ Safety Joint 75 T-Open 1550
(D) Initial Shut-In 1173 ☐ Circ Sub T-Pulled 1750
(E) Second Initial Flow 45 ☐ Hourly Standby T-Out 1959
(F) Second Final Flow 68 ☒ Mileage 286.75 Comments
(G) Final Shut-In 1142 ☐ Sampler
(H) Final Hydrostatic 2090 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder Sub Total 0
☐ Day Standby Total 1861.75
☐ Accessibility MP/DST Disc't

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

Sub Total 1861.75

Approved By [Signature]

Our Representative Ray Schwager 904

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, tool's 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 053772

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Smith Brothers

DATE <i>4-18-12</i>	SEC. <i>34</i>	TWP. <i>26 S</i>	RANGE <i>26 E</i>	CALLED OUT	ON LOCATION	JOB START <i>3:30 AM</i>	JOB FINISH <i>4:10 PM</i>
LEASE <i>Woodman</i>	WELL # <i>1-34</i>	LOCATION <i>7-7-11-12 10 N 12 E</i>			COUNTY <i>NEOSHO</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <i>NEW</i>			<i>1 1/2" x 2" 51120</i>			<i>NS</i>	

CONTRACTOR *Duke Drilling Rpt # 9*

TYPE OF JOB *Regrout Plug*

HOLES SIZE *1 1/2"* T.D. *...*

CASING SIZE *8 1/4"* DEPTH *...*

TUBING SIZE *...* DEPTH *...*

DRILL PIPE *4 1/2"* DEPTH *1680*

TOOL *...* DEPTH *...*

PRES. MAX. *...* MINIMUM *...*

MEAS. LINE *...* SHOULDER *...*

CEMENT LEFT IN CSO. *A 11*

PERFS. *...*

DISPLACEMENT *freshwater*

OWNER

CEMENT

AMOUNT ORDERED *220 SLS 60% cement*

40% port 40% gel 20% sand

COMMON	<i>132</i>	<i>16.25</i>	<i>2,145.00</i>
POZMIX	<i>88</i>	<i>2.50</i>	<i>220.00</i>
GEL	<i>7</i>	<i>21.25</i>	<i>148.75</i>
CHLORIDE	<i>...</i>	<i>...</i>	<i>...</i>
ASC	<i>...</i>	<i>...</i>	<i>...</i>
<i>410 0.50 1.50</i>	<i>2.70</i>	<i>148.50</i>	

EQUIPMENT

PUMP TRUCK CEMENTER *David C. 1*

398 HELPER *Josh T. 2*

BULK TRUCK

744-170 DRIVER *Ken's 3*

BULK TRUCK

DRIVER

HANDLING	<i>235</i>	<i>2.10</i>	<i>493.50</i>
MILEAGE	<i>5.83 x 25x</i>	<i>2.35</i>	<i>577.50</i>
TOTAL		<i>4,261.25</i>	

REMARKS:

fill hole with Rpt # 9

1. 1680 - 50 SLS

2. 840 - 50 SLS

3. 900 - 50 SLS

4. 60 - 20 SLS

5. 30 SLS

6. 20 SLS

plug down 4:30

245.74

SERVICE

DEPTH OF JOB	<i>1680</i>		
PUMP TRUCK CHARGE	<i>1250.00</i>		
EXTRA FOOTAGE	<i>...</i>	<i>...</i>	<i>...</i>
MILEAGE	<i>Hum 25</i>	<i>7.00</i>	<i>175.00</i>
MANIFOLD	<i>Hum 25</i>	<i>4.00</i>	<i>100.00</i>
TOTAL		<i>1525.00</i>	

CHARGE TO: *Archer Harbor Park*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	<i>...</i>	<i>...</i>	<i>...</i>
	<i>...</i>	<i>...</i>	<i>...</i>
	<i>...</i>	<i>...</i>	<i>...</i>
	<i>...</i>	<i>...</i>	<i>...</i>
	<i>...</i>	<i>...</i>	<i>...</i>

TOTAL

SALES TAX (If Any) *364.53*

TOTAL CHARGES *5,786.26*

DISCOUNT *25%* *1,446.26*

IF PAID IN 30 DAYS *4,339.70*

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 Christopher Rogers*

SIGNATURE *X Christopher Rogers*

Thank you!!

