



KANSAS CORPORATION COMMISSION 1110486
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 SLOW
 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 #: _____
12/27/2012 01/03/2013 01/04/2013
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-083-21874-00-00
Spot Description: _____
NW NE SE SW Sec. 12 Twp. 22 S. R. 22 East West
1126 Feet from North / South Line of Section
2299 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Hodgeman
Lease Name: Ruff Well #: 1-12 twin
Field Name: _____
Producing Formation: None
Elevation: Ground: 2152 Kelly Bushing: 2162
Total Depth: 4398 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1184 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: 17000 ppm Fluid volume: 80 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 Gantson Date: 01/28/2013



1110486

Operator Name: American Warrior, Inc. Lease Name: Ruff Well #: 1-12 twin
 Sec. 12 Twp. 22 S. R. 22 East West County: Hodgeman

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Ft.Scott</td> <td>4315'</td> <td>-2153</td> </tr> <tr> <td>Cherokee</td> <td>4341'</td> <td>-2179</td> </tr> <tr> <td>Osage</td> <td>4398'</td> <td>-2236</td> </tr> </table>	Name	Top	Datum	Ft.Scott	4315'	-2153	Cherokee	4341'	-2179	Osage	4398'	-2236
Name	Top	Datum											
Ft.Scott	4315'	-2153											
Cherokee	4341'	-2179											
Osage	4398'	-2236											

CASING RECORD <input checked="" 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
Surface	12.250	8.625	28	1184	Class A	450	3%CC, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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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Geological Report

American Warrior, Inc.

Ruff #1-12 Twin

1126' FSL & 2299' FWL

Sec. 12, T22s, R22w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Ruff #1-12 Twin
1126' FSL & 2299' FWL
Sec. 12, T22s, R22w
Hodgeman County, Kansas
API # 15-083-21874-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: December 27, 2012

Completion Date: January 4, 2013

Elevation 2151' Ground Level
2162' Kelly Bushing

Directions: From Hanston, KS. Go East on Hwy 156 1 mile to
229 Rd. Go North 1.2 miles on 229 Rd. and East
into location.

Casing: #28 8 5/8" surface casing set @ 1184' with 450
sacks Class A, 3% c.c, 2% gel.

Samples: 4300' to RTD 10' wet and dry,

Drilling Time: 4300' to RTD

Electric Logs: None

Drillstem Tests: Two Trilobite Testing "Andy Carreira"

Remarks: None

Formation Tops

Formation
Fort Scott
Cherokee
Miss Osage
RTD

American Warrior, Inc.
Ruff #1-12 Twin
Sec. 12, T22s, R22w
1126' FSL & 2299' FWL
4315' -2153
4341' -2179
4392' -2230
4398' -2236

Sample Zone Descriptions

Mississippian Osage (4392', -2230): Covered in DST #1 and DST #2

Δ -wt. Triptolitic. Fair to good stain. Poor saturation. Show of free oil. Fair odor.

Drill Stem Tests
Trilobite Testing Inc.
"Andy Carreira"

DST #1

Mississippian Osage

Interval (4356' – 4395') Anchor Length 39'

IHP	- 2231 #	
IFP	- 30" – Built to ½" decreased to WSB	19-32 #
ISI	- 30" – No Return	1174 #
FFP	- 30" – No Blow	36-41 #
FSIP	- 30" – No Return	1120 #
FHP	- 2134 #	
BHT	- Not Recorded	

Recovery: 10' Mud with oil specks in tool

DST #2

Mississippian Osage

Interval (4357' – 4398') Anchor Length 41'

IHP	- 2168#	
IFP	- 45" – Surface blow built to 6"	24-78 #
ISI	- 45" – No Return	1283 #
FFP	- 45" – Surface blow built to 5"	85-129 #
FSIP	- 45" – No Return	1261 #
FHP	- 2130#	
BHT	- Not Recorded	

Recovery: 1' CO
200' SOSMW (Trace O, 80% Water, 20% Mud)

Structural Comparison

	American Warrior, Inc. Ruff #1-12 Twin Sec. 12, T22s, R22w 1126' FSL & 2299' FWL		American Warrior, Inc. Ruff #1-12 Sec. 12, T22s, R22w 1042' FSL & 2234' FWL
Formation			
Fort Scott	4315' -2153	-1	4314' -2152
Cherokee	4341' -2179	-2	4339' -2177
Miss Osage	4392' -2230	-3	4389' -2227

Summary

The location for the Ruff #1-12 Twin well was found via geo 3-D Seismic survey. 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 Ruff #1-12 Twin well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

ALLIED OIL & GAS SERVICES, LLC 059218

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE <u>1-4-13</u>	SEC. <u>12</u>	TWP. <u>11.5</u>	RANGE <u>22W</u>	CALLED OUT <u>2:30 PM</u>	ON LOCATION <u>9:15 PM</u>	JOB START <u>12:30 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>Ruff</u>		WELL <u>01-12 Twi</u>		LOCATION <u>Houston East 1 mile. North on 22nd 1.25 mi. East into location.</u>		COUNTY <u>Hodgson</u>	STATE <u>KS</u>
OLD OR (NEW) (Circle one)				1.03 7.45 <i>all</i>			

CONTRACTOR Duke 5
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8" T.D. 3800 ft
 CASING SIZE 6 3/8" 28" DEPTH 1124
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" 16.6" DEPTH 1214 ft
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT Fresh Water

OWNER American Warrior
 CEMENT AMOUNT ORDERED 170sx 60/40 + 4% 60/4 + 15% Flo-Seal

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Charles Ekins</u>	<u>1</u>
# <u>398</u>	HELPER <u>Trint Hall</u>	<u>2</u>
BULK TRUCK		
# <u>344/170</u>	DRIVER <u>Joel Menchen</u>	<u>2</u>
BULK TRUCK		
# _____	DRIVER _____	

COMMON	<u>102</u>	@ <u>17.90</u>	<u>1825.80</u>
POZMIX	<u>168</u>	@ <u>4.35</u>	<u>730.80</u>
GEL	<u>6</u>	@ <u>23.40</u>	<u>140.40</u>
CHLORIDE		@ _____	
ASC		@ _____	
<u>Flo Seal</u>	<u>43</u>	@ <u>2.97</u>	<u>127.71</u>
HANDLING	<u>82.58</u>	@ <u>2.48</u>	<u>452.80</u>
MILEAGE	<u>7.62 X 40</u>	@ <u>2.10</u>	<u>792.48</u>
			TOTAL <u>3974.99</u>

REMARKS:
Plg 1 @ 1214 ft: 6 MV, 12.5 cent, 10 FW (50sx)
Plg 2 @ 500 ft: 6 MV, 12.5 cent, 3 FW (50sx)
Plg 3 @ 60 ft: 5 cent (20sx)
Plg 4 @ with 3.5 cent (30sx)
Plg 5 @ with 5.5 cent (20sx)

304.80 SERVICE

DEPTH OF JOB	<u>1214 ft</u>	
PUMP TRUCK CHARGE	<u>2249.84</u>	
EXTRA FOOTAGE	@ _____	
MILEAGE	<u>HVM 40</u>	@ <u>7.70</u> <u>308.00</u>
MANIFOLD	@ _____	
	<u>LVM 40</u>	@ <u>4.40</u> <u>176.00</u>

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

TOTAL 2733.84

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) 499.80
 TOTAL CHARGES 6708.83
 DISCOUNT 25% 1,677.21 IF PAID IN 30 DAYS
5,031.62

PRINTED NAME Kenneth McShane
 SIGNATURE Kenneth McShane

ALLIED OIL & GAS SERVICES, LLC 059214

Federal Tax I.D.# 20-5975204

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

SERVICE POINT:
Great Bend, KS

DATE <u>12-28-12</u>	SEC. <u>12</u>	TWP. <u>22S</u>	RANGE <u>022W</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>10:14 AM</u>	JOB START <u>2:02 PM</u>	JOB FINISH <u>3:05 PM</u>
LEASE <u>Ruff</u>			WELL # <u>H2 Teh</u>		1 East Houston, Mon 229, rd 1.25 M.		LOCATION <u>East 1/2 location</u>
OLD OR (NEW) (Circle one)			COUNTY <u>Hogeman</u>	STATE <u>KS</u>			

CONTRACTOR Ducky J
 TYPE OF JOB Surface Casing
 HOLE SIZE 12 1/4" T.D. 1190 ft
 CASING SIZE 8 7/8" 28 DEPTH 1174.45 ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 25 ft
 CEMENT LEFT IN CSG. 25 ft, 1.56 bbls, 6.55 cwt
 PERFS. _____
 DISPLACEMENT 72 bbls Fresh Water

OWNER American Warrior, Inc.
 CEMENT AMOUNT ORDERED 450 sy A + 3% Gel + 2% Gel

EQUIPMENT
 PUMP TRUCK CEMENTER Charles Elkins 1
 # 398 HELPER Trint Hall 2
 BULK TRUCK # 6101 DRIVER Dan Casper 2
 BULK TRUCK # _____ DRIVER _____

COMMON	<u>450</u>	@ <u>17.90</u>	<u>8,055.00</u>
POZMIX		@	
GEL	<u>9</u>	@ <u>23.40</u>	<u>210.60</u>
CHLORIDE	<u>16</u>	@ <u>64.00</u>	<u>1024.00</u>
ASC		@	
HANDLING	<u>487.50 X</u>	@ <u>2.48</u>	<u>1209.00</u>
MILEAGE	<u>27.2 X 40 X</u>	@ <u>2.60</u>	<u>2,308.00</u>
TOTAL			<u>12,807.00</u>

REMARKS:

Area 2 centralizers and 1 cast basket.
Rig up cement Head.
Pump 5 bbls Fresh Water, 107 bbls cement (450)
Drop Plug & Displace with 72 bbls Fresh Water
Leave 25 ft, 1.56 bbls, 6.55 cement in casing
Calculate 26 bbls, 105 sy cement to surface

888

SERVICE

DEPTH OF JOB	<u>1174</u>		
PUMP TRUCK CHARGE	<u>2213.75</u>		
EXTRA FOOTAGE		@	
MILEAGE <u>Hum</u>	<u>40</u>	@ <u>7.70</u>	<u>308.00</u>
MANIFOLD		@	
<u>Hum</u>	<u>40</u>	@ <u>4.40</u>	<u>176.00</u>
TOTAL			<u>2,697.75</u>

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

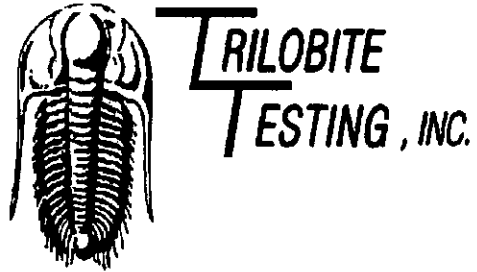
PLUG & FLOAT EQUIPMENT

<u>Weatherhead (1 Head & Manifold)</u>			
<u>Cement Baskets 8 7/8" 2</u>	@ <u>74.48</u>	<u>148.96</u>	
<u>Cement Basket 8 7/8" 1</u>	@ <u>559.34</u>	<u>559.34</u>	
<u>8 7/8" Head & Manifold</u>	@		
<u>Wooden Plug 8 7/8" 1</u>	@ <u>107.09</u>	<u>107.09</u>	
TOTAL			<u>816.40</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 McGUIRE
 SIGNATURE Kenneth McGuire

SALES TAX (if Any) 152.91
 TOTAL CHARGES 16,321.75
 DISCOUNT 2570 4,080.40
 PAID IN 30 DAYS
12,241.35



DRILL STEM TEST REPORT

Prepared For: **American Warrior inc.**

PO Box 399
Garden City KS. 67846

ATTN: Kevin Timson

Ruff #1-12 twin

12-22s-22w Hodgeman,KS

Start Date: 2013.01.02 @ 10:06:05

End Date: 2013.01.02 @ 16:39:09

Job Ticket #: 51453 DST #: 1

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

Printed: 2013.01.04 @ 11:43:30

American Warrior Inc. 12-22s-22w Hodgeman,KS Ruff #1-12 twin DST # 1 Osage 2013.01.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior inc.

12-22s-22w Hodgeman,KS

PO Box 399
Garden City KS. 67846

Ruff #1-12 twin

Job Ticket: 51453

DST#: 1

ATTN: Kevin Timson

Test Start: 2013.01.02 @ 10:06:05

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:18:40

Time Test Ended: 16:39:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: 4356.00 ft (KB) To 4395.00 ft (KB) (TVD)

Reference Elevations: 2162.00 ft (KB)

Total Depth: 4395.00 ft (KB) (TVD)

2151.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8372

Outside

Press@RunDepth: 41.92 psig @ 4360.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.02

End Date: 2013.01.02

Last Calib.: 2013.01.02

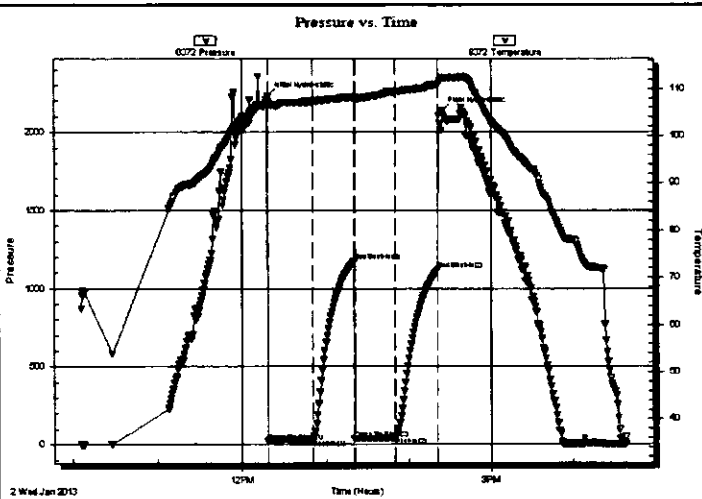
Start Time: 10:06:05

End Time: 16:39:10

Time On Btm: 2013.01.02 @ 12:18:20

Time Off Btm: 2013.01.02 @ 14:23:50

TEST COMMENT: IF:(30min) Weak blow built to 1/2" Decreased to weak surface blow
IS:(30min) No Return
FF:(30min) No Blow
FS:(30min) No Return



PRESSURE SUMMARY

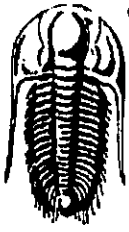
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.23	107.40	Initial Hydro-static
1	19.72	106.36	Open To Flow (1)
32	32.85	107.29	Shut-In(1)
62	1174.49	108.28	End Shut-In(1)
62	36.01	107.57	Open To Flow (2)
92	41.92	109.44	Shut-In(2)
123	1120.51	110.90	End Shut-In(2)
126	2134.27	112.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w / oil spks in tool	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

12-22s-22w Hodgeman,KS
Ruff #1-12 twin
Job Ticket: 51453 **DST#: 1**
Test Start: 2013.01.02 @ 10:06:05

Tool Information

Drill Pipe:	Length: 4213.00 ft	Diameter: 3.80 inches	Volume: 59.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 288.00 ft	Diameter: 2.25 inches	Volume: 1.42 bbl	Weight to Pull Loose: 74000.00 lb
			Total Volume: 60.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	173.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4356.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 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			4329.00	
Shut In Tool	5.00			4334.00	
Hydraulic tool	5.00			4339.00	
Jars	5.00			4344.00	
Safety Joint	3.00			4347.00	
Packer	5.00			4352.00	28.00 Bottom Of Top Packer
Packer	4.00			4356.00	
Stubb	1.00			4357.00	
Perforations	2.00			4359.00	
Change Over Sub	1.00			4360.00	
Recorder	0.00	8844	Inside	4360.00	
Recorder	0.00	8372	Outside	4360.00	
Blank Spacing	31.00			4391.00	
Change Over Sub	1.00			4392.00	
Bullnose	3.00			4395.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

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

12-22s-22w Hodgeman,KS
Ruff #1-12 twin
Job Ticket: 51453 **DST#: 1**
Test Start: 2013.01.02 @ 10:06:05

Mud and Cushion Information

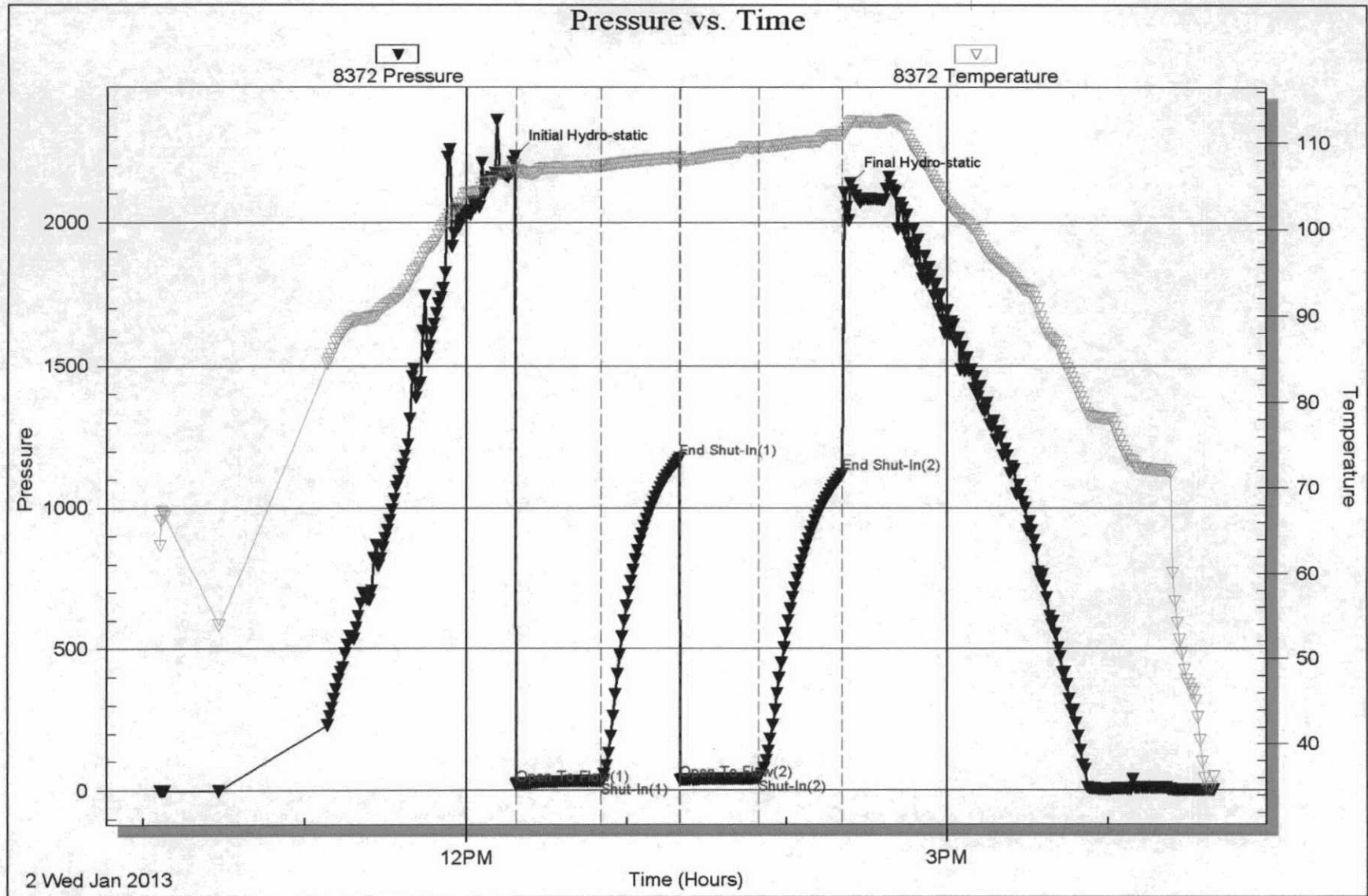
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	62.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.36 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8800.00 ppm				
Filter Cake:	inches				

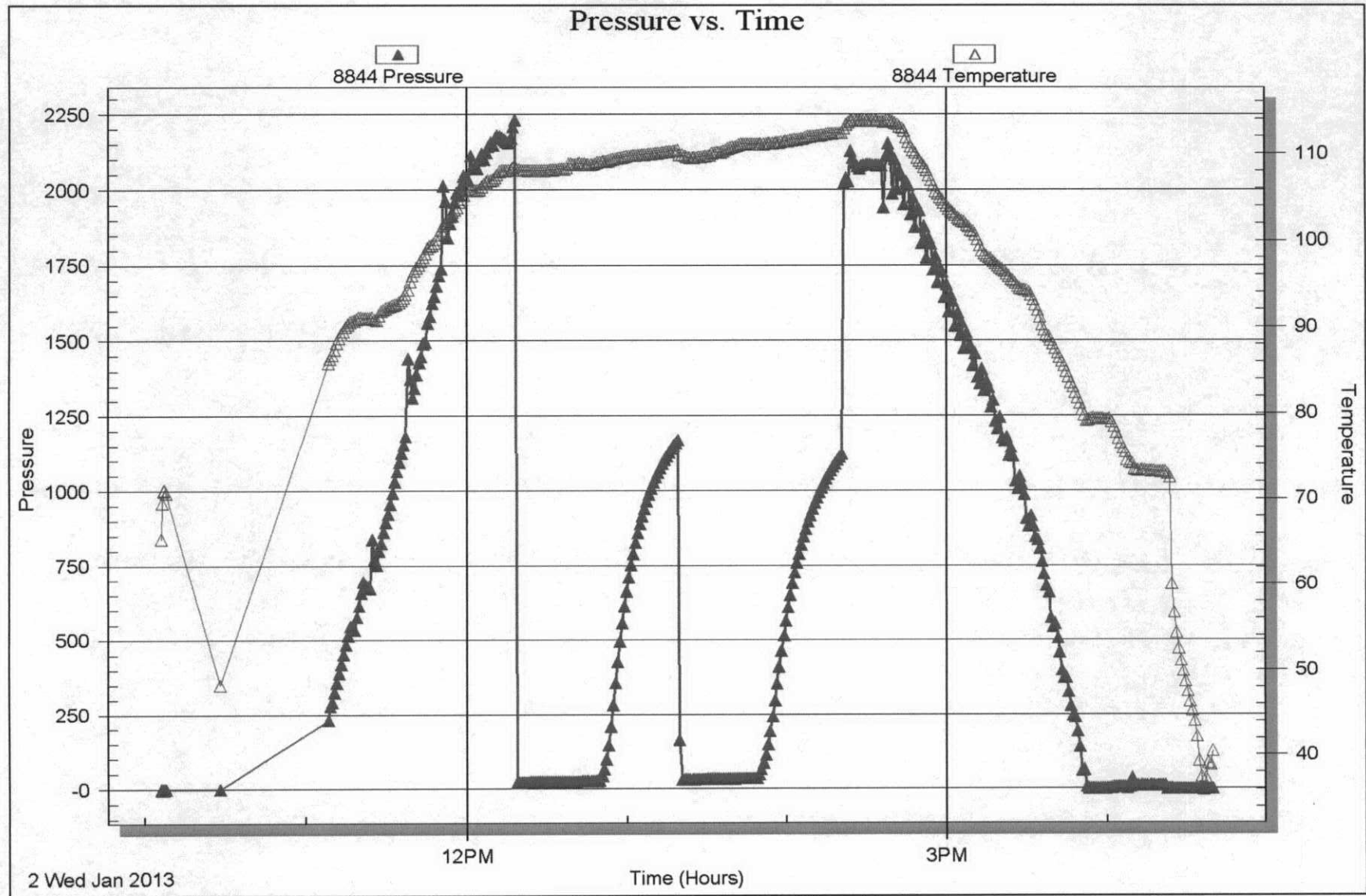
Recovery Information

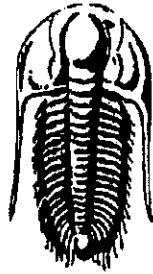
Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w/ oil spks in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 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

Ruff #1-12 twin

12-22s-22w Hodgeman,KS

Start Date: 2013.01.03 @ 04:28:05

End Date: 2013.01.03 @ 12:17:50

Job Ticket #: 51454 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.04 @ 11:38:14

American Warrior Inc.

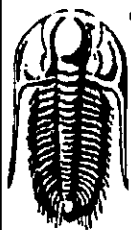
12-22s-22w Hodgeman,KS

Ruff #1-12 twin

DST # 2

Osage

2013.01.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior inc.

12-22s-22w Hodgeman,KS

PO Box 399
Garden City KS. 67846

Ruff #1-12 twin

Job Ticket: 51454

DST#: 2

ATTN: Kevin Timson

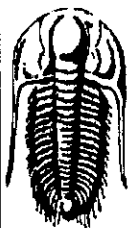
Test Start: 2013.01.03 @ 04:28:05

Tool Information

Drill Pipe:	Length: 4240.00 ft	Diameter: 3.80 inches	Volume: 59.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 288.00 ft	Diameter: 2.25 inches	Volume: 1.42 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume: 60.90 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	199.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4357.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	69.00 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			4330.00	
Shut In Tool	5.00			4335.00	
Hydraulic tool	5.00			4340.00	
Jars	5.00			4345.00	
Safety Joint	3.00			4348.00	
Packer	5.00			4353.00	28.00 Bottom Of Top Packer
Packer	4.00			4357.00	
Stubb	1.00			4358.00	
Perforations	2.00			4360.00	
Change Over Sub	1.00			4361.00	
Recorder	0.00	8844	Inside	4361.00	
Recorder	0.00	8372	Outside	4361.00	
Blank Spacing	32.00			4393.00	
Change Over Sub	1.00			4394.00	
Perforations	1.00			4395.00	
Bullnose	3.00			4398.00	41.00 Bottom Packers & Anchor
Total Tool Length:	69.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior inc.

12-22s-22w Hodgeman,KS

PO Box 399
Garden City KS. 67846

Ruff #1-12 twin

Job Ticket: 51454

DST#: 2

ATTN: Kevin Timson

Test Start: 2013.01.03 @ 04:28:05

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:

28000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.34 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
200.00	SOSMW o=tr m=20% w =80%	0.984
1.00	Oil	0.005

Total Length: 201.00 ft

Total Volume: 1.726 bbf

Num Fluid Samples: 0

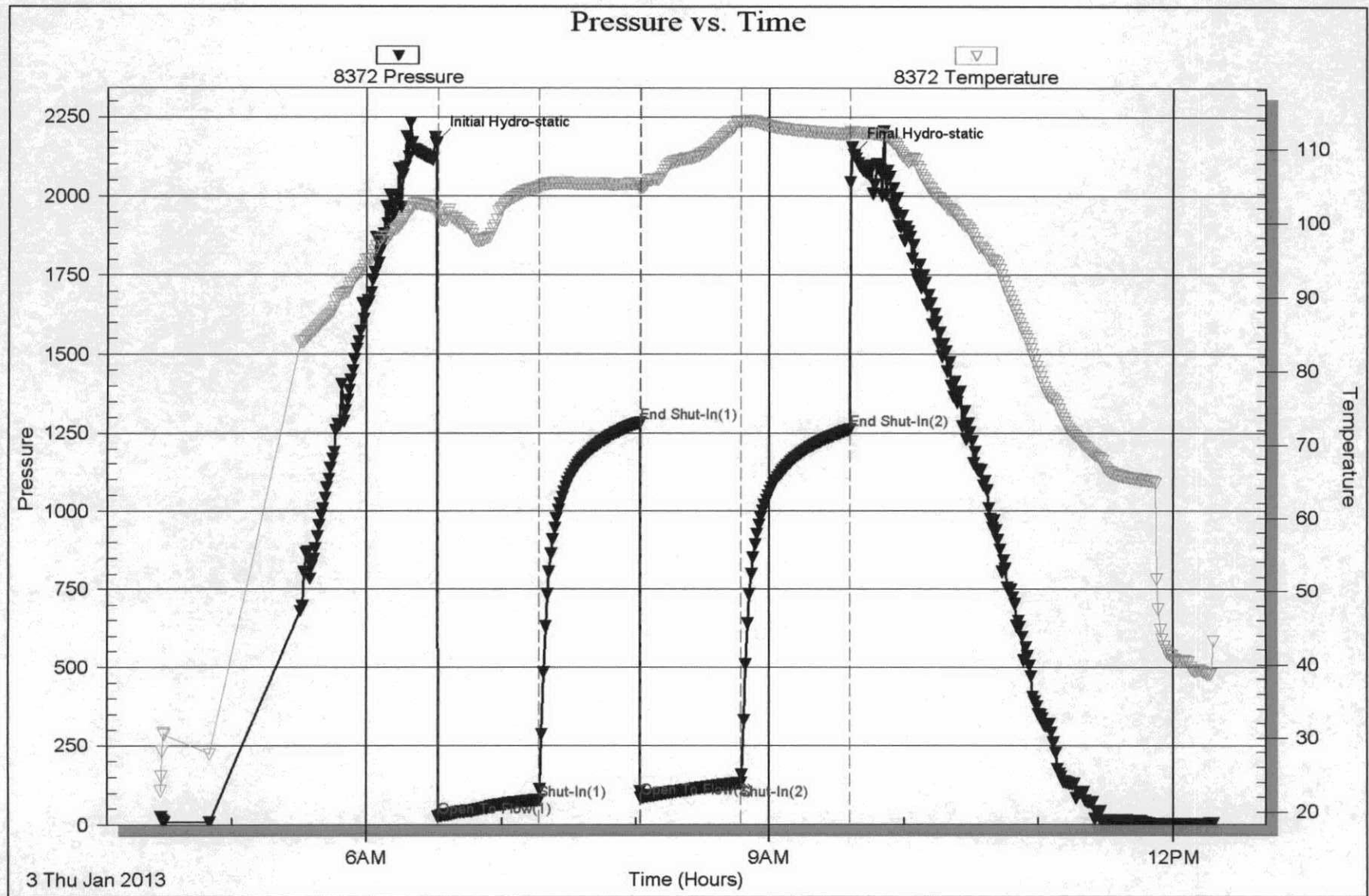
Num Gas Bombs: 0

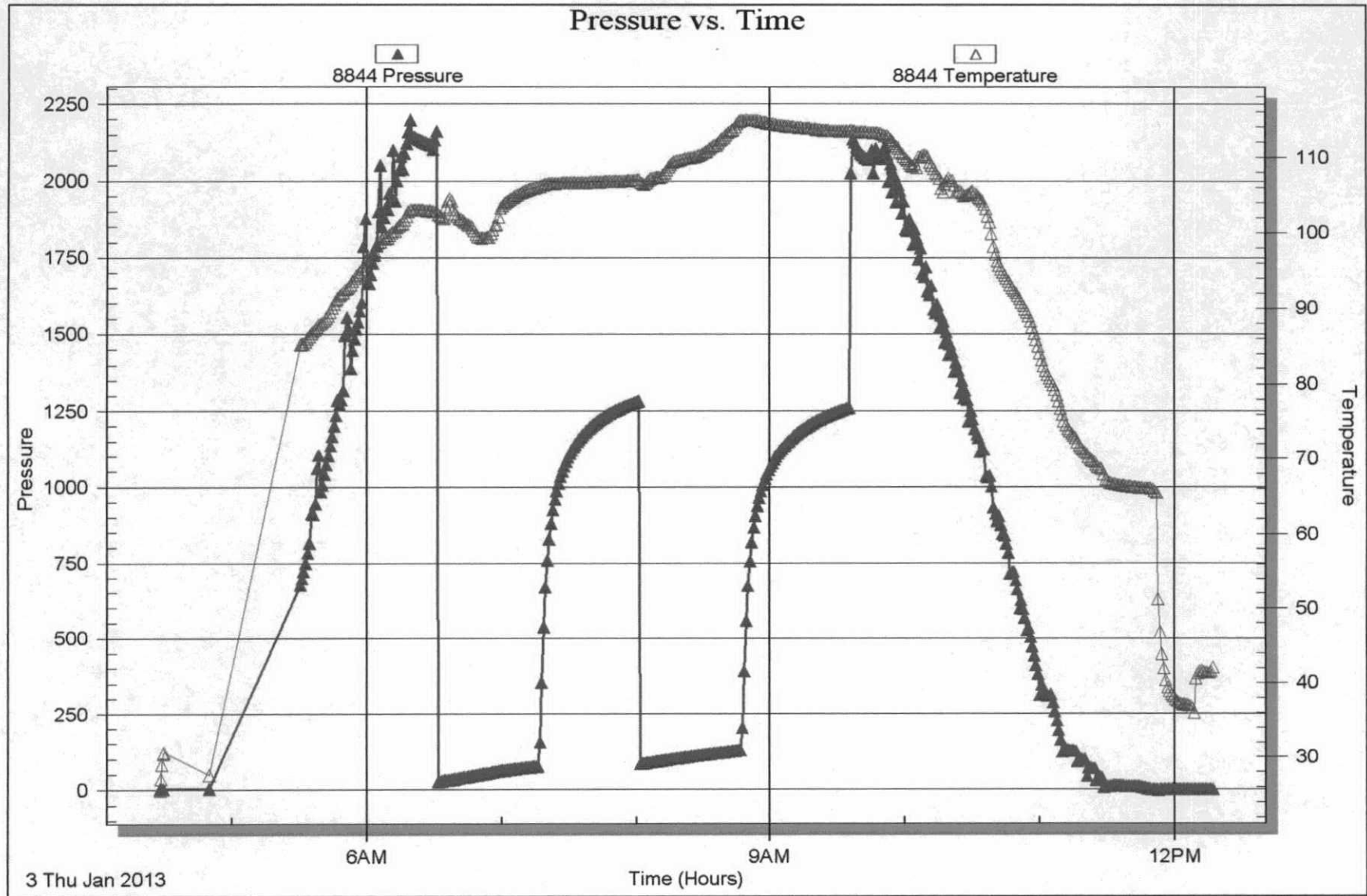
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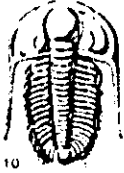
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51453

Well Name & No. RUFF #1-12 TWIN Test No. 1 Date 1-2-13
 Company AMERICAN WARRIOR Elevation 2162 KB 2151 GL
 Address PO BOX 399 GARDEN CITY KS 67846
 Co. Rep / Geo. KEVIN TIMSON Rig DUK #5
 Location: Sec. 12 Twp. 22S Rge. 22W Co. HADGEMAN State KS

Interval Tested 4356-4395 Zone Tested OSAGE
 Anchor Length 39 Drill Pipe Run 4213 Mud Wt. 9.6
 Top Packer Depth 4351 Drill Collars Run 280.88 Vis 62
 Bottom Packer Depth 4356 Wt. Pipe Run 0 WL 8.4
 Total Depth 4395 Chlorides 8800 ppm System LCM 1
 Blow Description IF: Weak blow bull to 1/2" (increased) to weak surface blow
ISI: NO RETURN
IF: NO BLOW
FSI: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
10	Mud w/oil spks in tool				

Rec Total 10' BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2231</u>	<input checked="" type="checkbox"/> Test ← 1250	T-On Location <u>10:06</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars ← 250	T-Started <u>12:35</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint ← 75	T-Open <u>14:45</u>
(D) Initial Shut-In <u>1174</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:45</u>
(E) Second Initial Flow <u>36</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:05</u>
(F) Second Final Flow <u>41</u>	<input checked="" type="checkbox"/> Mileage ← <u>146RT</u> 226.30	Comments <u>note 1</u>
(G) Final Shut-In <u>1120</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2134</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1801.30</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1801.30</u>	

Approved By _____ Our Representative [Signature]
 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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51454

Well Name & No. RUFF # 1-12 TWIN Test No. 2 Date 1-3-13
 Company AMERICAN WARRIOR INC Elevation 2162 KB 2151 GL
 Address PO BOX 399 GARDEN CITY KS 67846
 Co. Rep / Geo. KEVIN TIMSON Rig DUKE 5
 Location: Sec. 12 Twp. 22S Rge. 22W Co. NOJGEMAN State Ks

Interval Tested 4357-4398 Zone Tested OSAGE
 Anchor Length 41' Drill Pipe Run 4240 Mud Wt. 9.6
 Top Packer Depth 4352 Drill Collars Run 280.88 Vis 62
 Bottom Packer Depth 4357 Wt. Pipe Run 0 WL 8.4
 Total Depth 4398 Chlorides 8800 ppm System LCM 1

Blow Description IF: 2" blow in 6min, 3" in 12min, 4" in 26min, 5" in 32min built to 6"
IST: NO RETURN
FF: 2" blow in 16min, 3" in 21min, 4" in 41min, built to 5"
FST: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>0:1</u>				
<u>200</u>	<u>505MW</u>		<u>TR</u>	<u>80</u>	<u>20</u>

Rec Total 201' BHT Gravidy API RW .52 @ 33 °F Chlorides 28000 ppm

(A) Initial Hydrostatic <u>2168</u>	<input checked="" type="checkbox"/> Test ← 1250	T-On Location <u>04:16</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars ← 250	T-Started <u>04:28</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint ← 75	T-Open <u>06:32</u>
(D) Initial Shut-In <u>1283</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:32</u>
(E) Second Initial Flow <u>85</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:18</u>
(F) Second Final Flow <u>129</u>	<input checked="" type="checkbox"/> Mileage <u>146BT</u> 226.30	Comments
(G) Final Shut-In <u>1261</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2130</u>	<input type="checkbox"/> Straddle	

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

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1801.30
 MP/DST Disc't

Sub Total 1801.30

Approved By _____ Our Representative Andy Co
 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 tests made.