



KANSAS CORPORATION COMMISSION 1087778
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: Harley Sayles
Purchaser: None

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

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

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

<u>06/21/2012</u>	<u>07/01/2012</u>	<u>07/02/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21803-00-00

Spot Description: _____
SE SW NW SW Sec. 5 Twp. 24 S. R. 21 East West
1400 Feet from North / South Line of Section
500 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Hodgeman
Lease Name: Gary Well #: 1-5

Field Name: _____
Producing Formation: None

Elevation: Ground: 2371 Kelly Bushing: 2375
Total Depth: 4672 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 263 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
(Date must be collected from the Reserve Pit)

Chloride content: 15000 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: Deanne Garrison Date: 07/24/2012



1087778

Operator Name: American Warrior, Inc. Lease Name: Gary Well #: 1-5
 Sec. 5 Twp. 24 S. R. 21 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 Name Top Datum Attached Attached Attached
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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	23	263	Class A	165	3%CC,2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" 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: Yes 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) (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	Gary 1-5
Doc ID	1087778

Tops

Anhy	1453	+922
B/Anhy	1472	+903
Heebner	3957'	-1582
Lansing	4060'	-1685
Stark	4290'	-1915
B/KC	4406'	-2031
Marmaton	4434'	-2059
Ft.Scott	4574'	-2199
Mississippian	4656'	-2281

ALLIED OIL & GAS SERVICES, LLC 053637

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

SERVICE POINT:

*Great Bend, KS
7-2-12*

DATE <i>7-1-12</i>	SEC. <i>5</i>	TWP. <i>24S</i>	RANGE <i>21W</i>	CALLED OUT	ON LOCATION	JOB START <i>12:30 AM</i>	JOB FINISH <i>1:30 PM</i>
LEASE <i>Gary</i>		WELL# <i>1-5</i>		LOCATION <i>57 Mary's, KS</i>		COUNTY <i>Haskell</i>	STATE <i>Kansas</i>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR *Dube Drilling Rig II*

TYPE OF JOB *Rosary Plug*

HOLE SIZE *12 1/4* T.D.

CASING SIZE *8 5/8* DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *1560*

TOOL DEPTH

PREL. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *A 11*

PERFS.

DISPLACEMENT *Freshwater*

EQUIPMENT

OWNER	CEMENT <i>250</i>	AMOUNT ORDERED <i>60% class A</i>
	<i>40% part 41 gal 1/4 Bl</i>	
COMMON <i>150</i>	@ <i>16.25</i>	<i>2,437.50</i>
POZMIX <i>100</i>	@ <i>8.50</i>	<i>850.00</i>
GEL <i>9</i>	@ <i>21.25</i>	<i>191.25</i>
CHLORIDE	@	
ASC	@	
<i>100001 62</i>	@ <i>2.70</i>	<i>167.40</i>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <i>268</i>	@ <i>2.10</i>	<i>562.80</i>
MILEAGE <i>11.31 x 47x</i>	@ <i>2.95</i>	<i>1238.45</i>
TOTAL		<i>5,447.95</i>

PUMP TRUCK CEMENTER *DUSTON L*

366 HELPER *Kenn B*

BULK TRUCK *183*

142-00 DRIVER *5001 M*

BULK TRUCK

DRIVER

REMARKS:

Fill Hole with Rdgrnd

1- 1560 - 50 SA

2- 670 - 40 SA

3- 300 - 50 SA

4- 100 - 20 SA

RH- 30 SA

MH- 20 SA

Plug Dam 1:00 AM

SERVICE

DEPTH OF JOB <i>1560</i>		
PUMP TRUCK CHARGE		<i>1,250.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>Hum 47</i>	@ <i>7.00</i>	<i>329.00</i>
MANIFOLD	@	
<i>Hum 47</i>	@ <i>4.00</i>	<i>188.00</i>
	@	
TOTAL		<i>1767.00</i>

CHARGE TO: *American Warrior*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

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

PRINTED NAME *X Scott Edwards*

SIGNATURE *X Scott Edwards*

Thank You!!

SALES TAX (If Any) _____

TOTAL CHARGES *7,214.09*

DISCOUNT *25% 1,803.22*

5,410.87 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 053662

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

SERVICE POINT: Great Bend, KS

DATE <u>6-23-12</u>	SEC. <u>5</u>	TWP. <u>24</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>4:45 AM</u>	JOB FINISH <u>5:15 AM</u>
LEASE <u>DARY</u>	WELL # <u>1-5</u>	LOCATION <u>St. Mary's Church</u>	COUNTY <u>Hodge</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>				<u>West 1/4 North East 1/4</u>			

CONTRACTOR Duke #10 OWNER American Warrior

TYPE OF JOB Surf ace
 HOLE SIZE 12 1/4 T.D. 262 CEMENT AMOUNT ORDERED 165 s/o Class A
 CASING SIZE 8 3/4 DEPTH 262 2% cc 2% gel
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH

PRES. MAX MINIMUM COMMON 16.5 @ 16.25 2,681.25
 MEAS. LINE SHOE JOINT POZMIX @
 CEMENT LEFT IN CSG. 15.45 GEL @ 21.25 63.75
 PERFS. CHLORIDE 6 @ 58.20 349.20
 DISPLACEMENT 15.45 16.49 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Greg R
 # 398 HELPER Kevin E
 BULK TRUCK
 # 744-188 DRIVER Joel W
 BULK TRUCK
 # DRIVER

HANDLING 178.24 @ 2.10 374.30
 MILEAGE 8.13760 x 474 @ 2.25 1830.60
 TOTAL 4,366.45

REMARKS:

Run hole new 25' 8 3/8 csg.
circulate csg with Rig mud.
Hook up cement pump and mix
165 s/o Class A 2% cc 2% gel
displace w/ 16.49 bbl. fresh H₂O
put in cement & circulate
Rig down
plug down @ 5:15 AM

Release
 Plug
 SERVICE

DEPTH OF JOB 262
 PUMP TRUCK CHARGE 1125.00
 EXTRA FOOTAGE @
 MILEAGE Hvm 47 @ 7.00 329.00
 MANIFOLD @
Hvm 47 @ 4.00 188.00

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

TOTAL 1642.00

PLUG & FLOAT EQUIPMENT

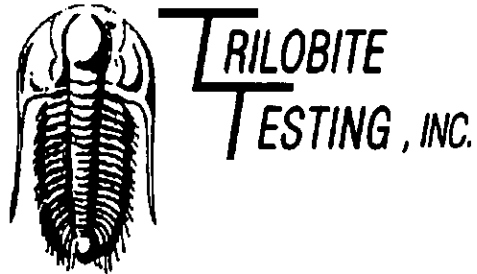
Baffle Plate @ 112.00 112.00
Rubber Plug @ 112.00 112.00
 @
 @

TOTAL 224.00

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) _____
 TOTAL CHARGES 6,232.45
 DISCOUNT 25% 1,558.11 IF PAID IN 30 DAYS
4,674.34

PRINTED NAME X Scott Edwards
 SIGNATURE X Scott Edwards
Stevie flow!



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.06.28 @ 05:38:25

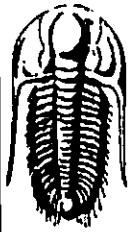
End Date: 2012.06.28 @ 13:02:40

Job Ticket #: 47994 DST #: 1

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

Printed: 2012.07.06 @ 11:07:53

American Warrior Inc 5-24s-21w Hodgeman,KS Gary 1-5 DST # 1 Atamont A 2012.06.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

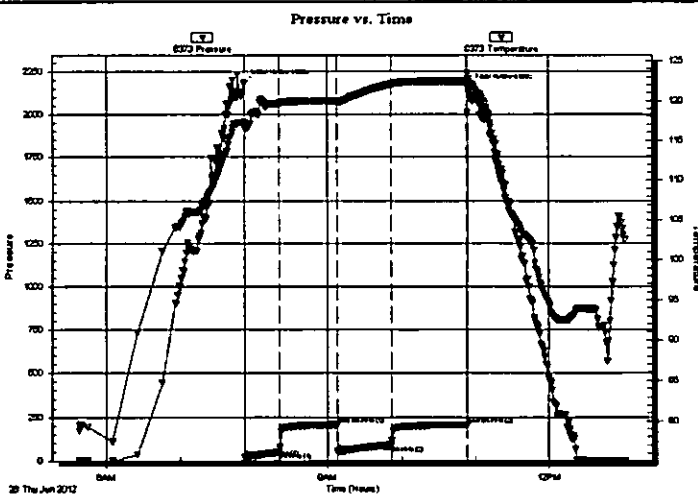
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47994 DST#: 1
Test Start: 2012.06.28 @ 05:38:25

GENERAL INFORMATION:

Formation: **Altamont A**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 07:52:25
Time Test Ended: 13:02:40
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Brandon Turley**
Unit No: **60**
Interval: **4438.00 ft (KB) To 4460.00 ft (KB) (TVD)**
Total Depth: **4460.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Reference Elevations: **2375.00 ft (KB)**
2364.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8373 Inside
Press@RunDepth: **89.81 psig @ 4439.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.06.28** End Date: **2012.06.28** Last Calib.: **2012.06.28**
Start Time: **05:38:30** End Time: **13:02:39** Time On Btm: **2012.06.28 @ 07:52:10**
Time Off Btm: **2012.06.28 @ 10:54:25**

TEST COMMENT: IF: 1/4 blow built to 2 1/4.
IS: No return.
FF: Surface blow built to 1/2.
FS: No return.



PRESSURE SUMMARY

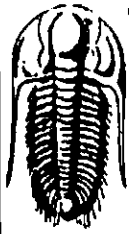
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.59	117.27	Initial Hydro-static
1	18.07	116.55	Open To Flow (1)
29	48.61	119.62	Shut-In(1)
76	205.87	119.99	End Shut-In(1)
76	51.24	119.89	Open To Flow (2)
120	89.81	122.06	Shut-In(2)
182	205.34	122.38	End Shut-In(2)
183	2153.78	122.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 90%w 10%m	0.59

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: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47994 **DST#: 1**
Test Start: 2012.06.28 @ 05:38:25

Tool Information

Drill Pipe:	Length: 3847.00 ft	Diameter: 3.80 inches	Volume: 53.96 bbl	Tool Weight: 2000.00 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: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 56.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4438.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4411.00	
Shut In Tool	5.00			4416.00	
Hydraulic tool	5.00			4421.00	
Jars	5.00			4426.00	
Safety Joint	3.00			4429.00	
Packer	5.00			4434.00	28.00 Bottom Of Top Packer
Packer	4.00			4438.00	
Stubb	1.00			4439.00	
Recorder	0.00	8373	Inside	4439.00	
Recorder	0.00	8356	Outside	4439.00	
Perforations	16.00			4455.00	
Bullnose	5.00			4460.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47994 **DST#: 1**
Test Start: 2012.06.28 @ 05:38:25

Mud and Cushion Information

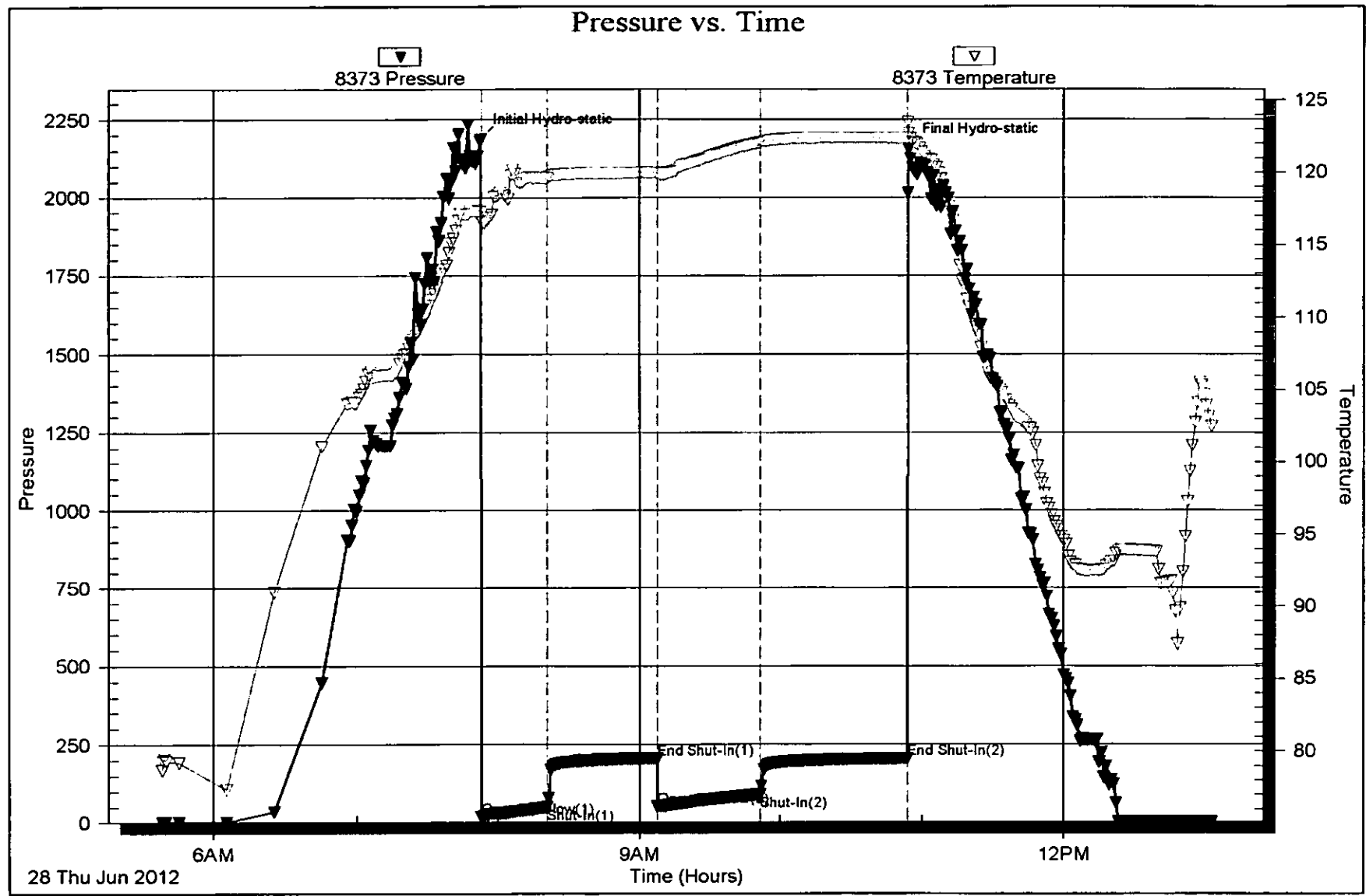
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.17 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 6100.00 ppm		
Filter Cake: 1.00 inches		

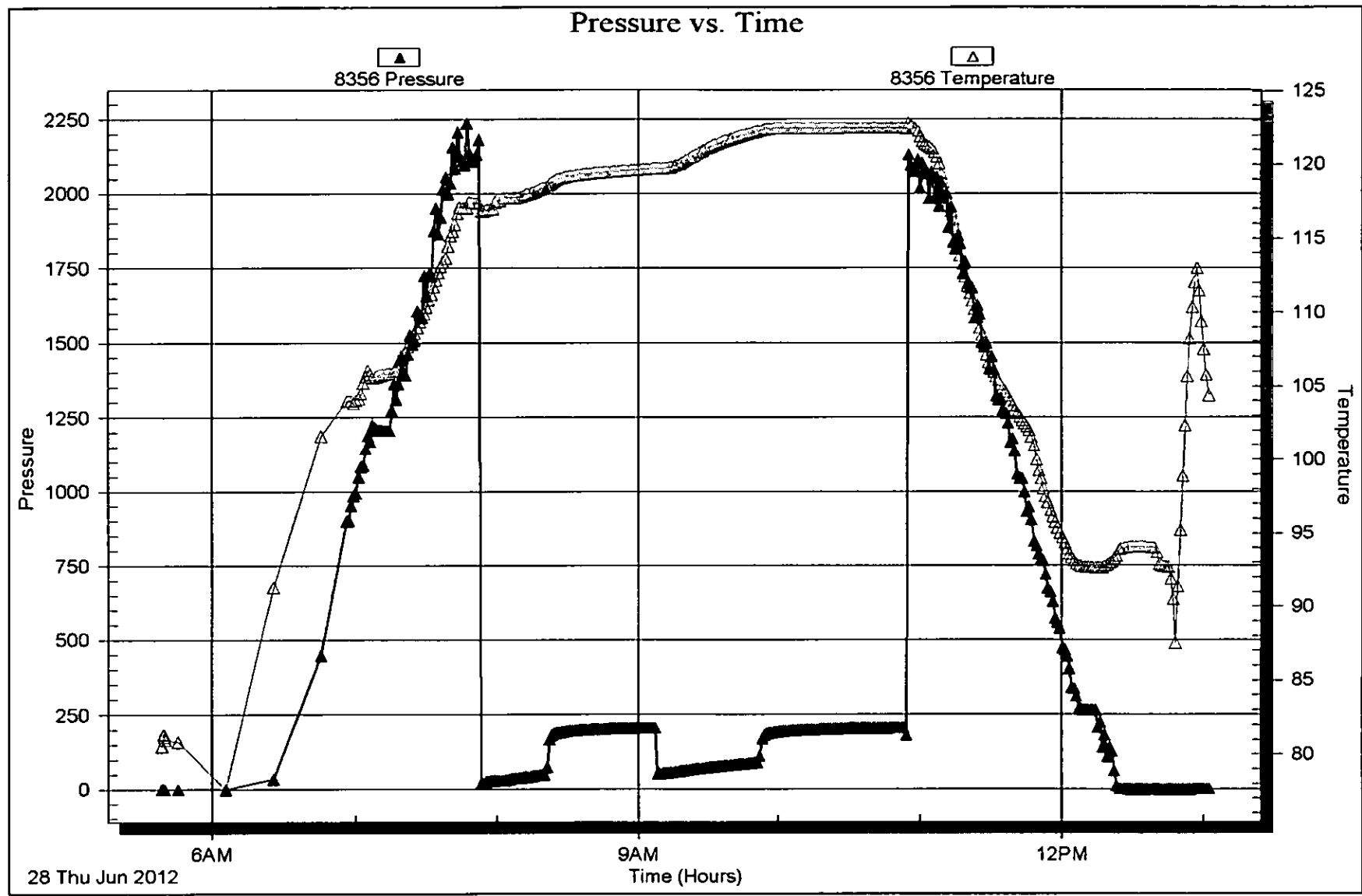
Recovery Information

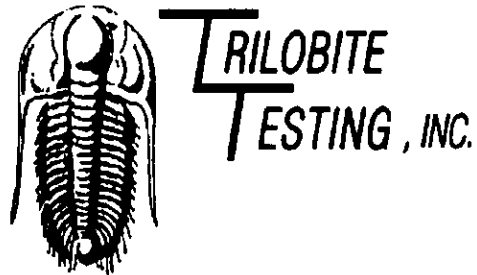
Recovery Table

Length ft	Description	Volume bbl
120.00	mcw 90%w 10%m	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .14@110=32000







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.06.29 @ 08:57:50

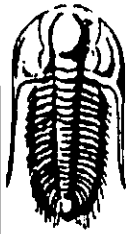
End Date: 2012.06.29 @ 14:20:20

Job Ticket #: 47995 DST #: 2

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

Printed: 2012.07.06 @ 11:07:15

American Warrior Inc
5-24s-21w Hodgeman,KS
Gary 1-5
DST # 2
Fl. Scott- Cherokee
2012.06.29



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

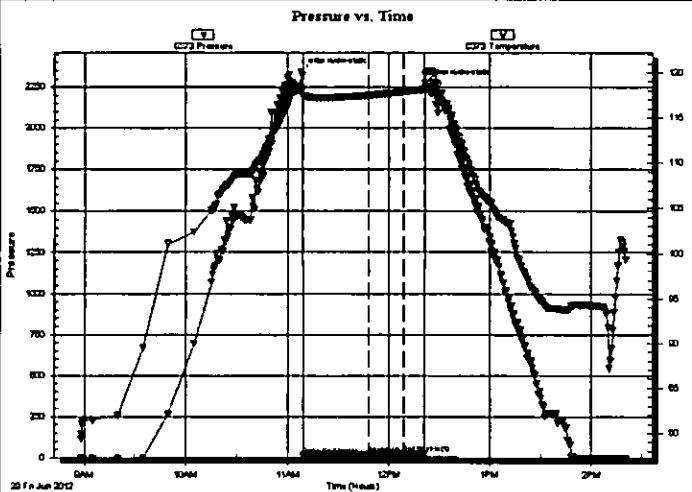
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47995 **DST#: 2**
Test Start: 2012.06.29 @ 08:57:50

GENERAL INFORMATION:

Formation: **Ft. Scott- Cherokee**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 11:09:35
Time Test Ended: 14:20:20
Interval: **4596.00 ft (KB) To 4616.00 ft (KB) (TVD)**
Total Depth: **4616.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **60**
Reference Elevations: **2375.00 ft (KB)**
2364.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8373 Inside
Press@RunDepth: **20.70 psig @ 4597.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.06.29** End Date: **2012.06.29** Last Calib.: **2012.06.29**
Start Time: **08:57:55** End Time: **14:20:19** Time On Btm: **2012.06.29 @ 11:08:20**
Time Off Btm: **2012.06.29 @ 12:21:50**

TEST COMMENT: IF: Weak blow died in 2 min.
IS: No return.
FF: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.71	118.04	Initial Hydro-static
2	18.21	117.47	Open To Flow (1)
40	20.70	117.51	Shut-in(1)
61	27.67	117.89	End Shut-in(1)
61	19.12	117.89	Open To Flow (2)
73	19.34	118.15	Shut-in(2)
74	2272.49	119.79	Final Hydro-static

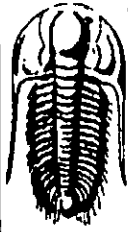
Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

* 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: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47995 **DST#: 2**
Test Start: 2012.06.29 @ 08:57:50

Tool Information

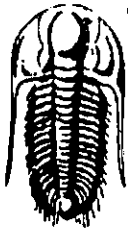
Drill Pipe:	Length: 4002.00 ft	Diameter: 3.80 inches	Volume: 56.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 59.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4596.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00			4569.00	
Shut In Tool	5.00			4574.00	
Hydraulic tool	5.00			4579.00	
Jars	5.00			4584.00	
Safety Joint	3.00			4587.00	
Packer	5.00			4592.00	28.00 Bottom Of Top Packer
Packer	4.00			4596.00	
Stubb	1.00			4597.00	
Recorder	0.00	8373	Inside	4597.00	
Recorder	0.00	8356	Outside	4597.00	
Perforations	14.00			4611.00	
Bullnose	5.00			4616.00	20.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47995 **DST#: 2**
Test Start: 2012.06.29 @ 08:57:50

Mud and Cushion Information

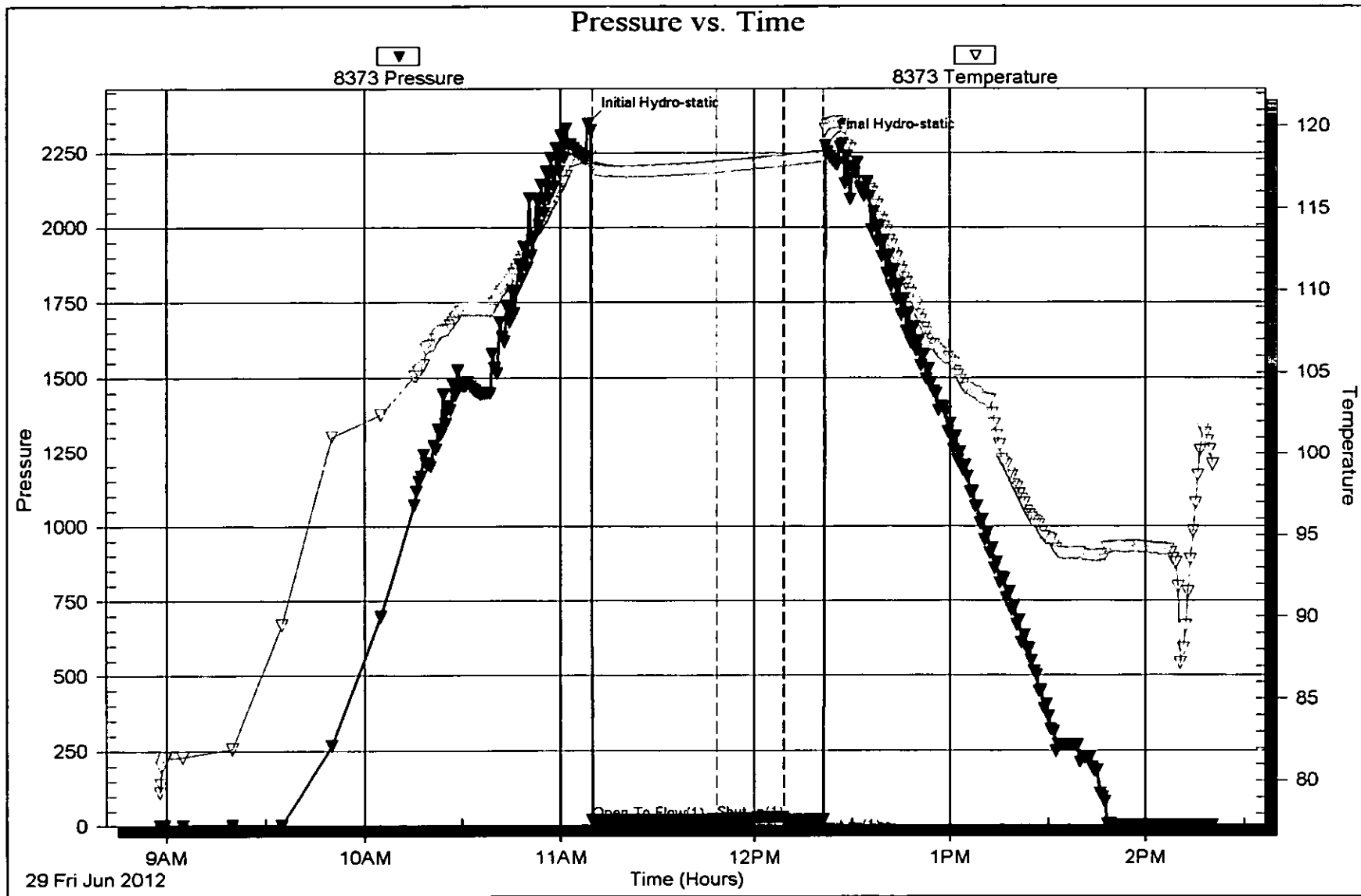
Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.17 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6800.00 ppm				
Filter Cake:	1.00 inches				

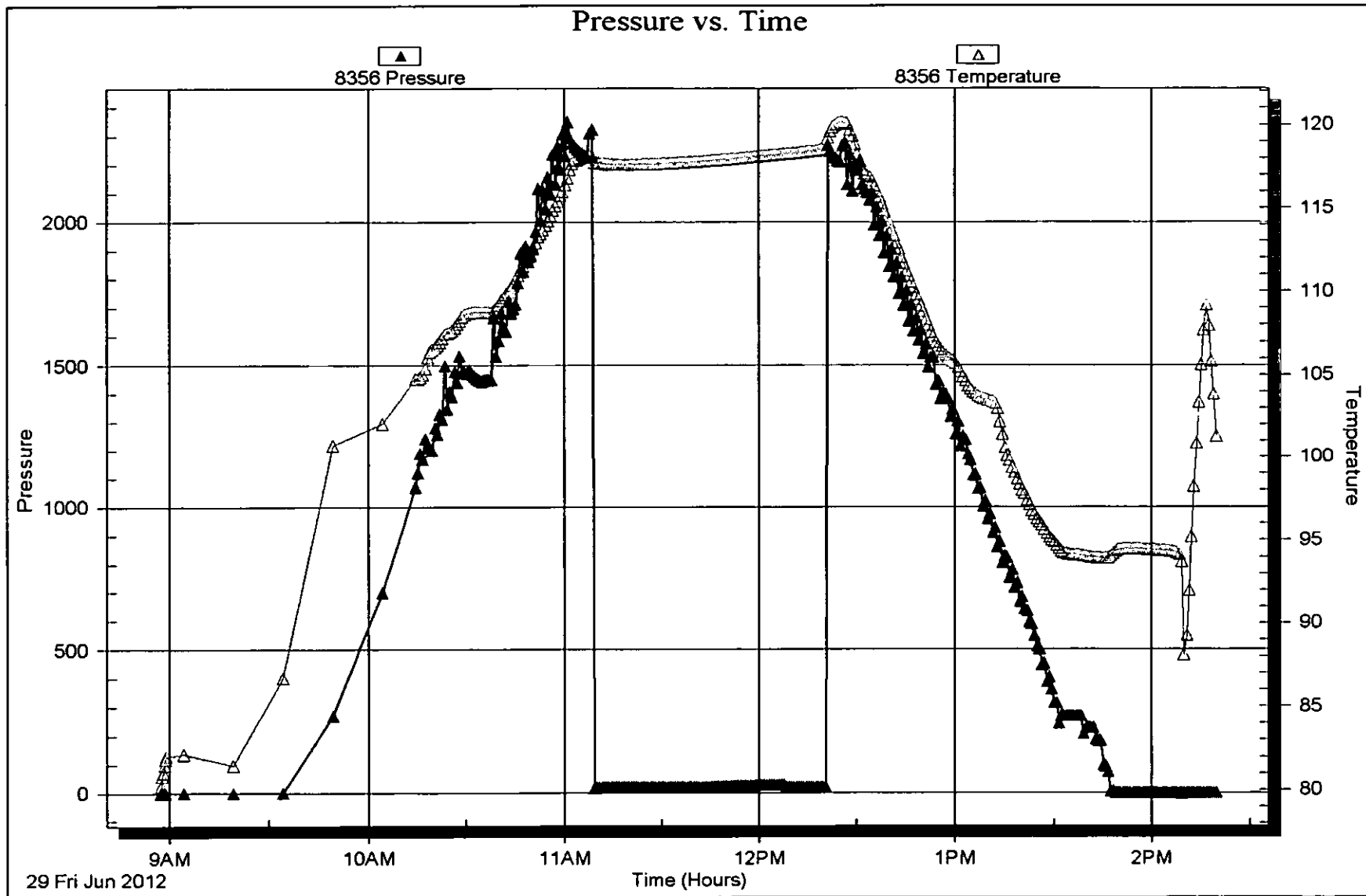
Recovery Information

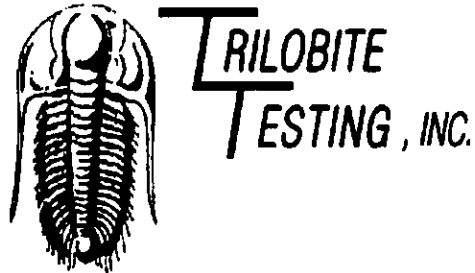
Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	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:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.06.30 @ 02:35:39

End Date: 2012.06.30 @ 07:01:54

Job Ticket #: 47996 DST #: 3

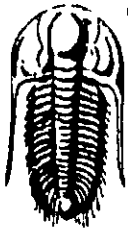
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 11:06:31

American Warrior Inc 5-24s-21w Hodgeman,KS Gary 1-5 DST # 3 Warsaw 2012.06.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

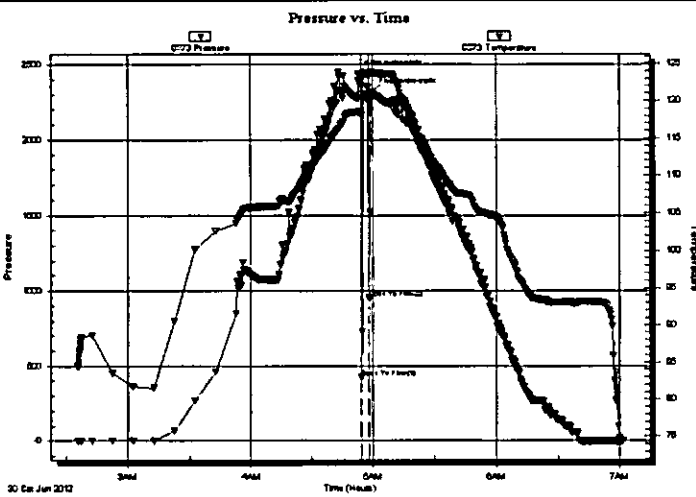
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47996 **DST#: 3**
Test Start: 2012.06.30 @ 02:35:39

GENERAL INFORMATION:

Formation: **Warsaw**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 04:54:24
Time Test Ended: 07:01:54
Interval: **4656.00 ft (KB) To 4666.00 ft (KB) (TVD)**
Total Depth: **4666.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **60**
Reference Elevations: **2375.00 ft (KB)**
2364.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: **8373** Inside
Press@RunDepth: psig @ **4657.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.06.30** End Date: **2012.06.30** Last Calib.: **2012.06.30**
Start Time: **02:35:44** End Time: **07:01:53** Time On Btrm: **2012.06.30 @ 04:52:54**
Time Off Btrm: **2012.06.30 @ 04:59:39**

TEST COMMENT: **PACKERS FAILED AT OPEN.**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2439.02	118.41	Initial Hydro-static
2	425.44	118.09	Open To Flow (1)
6	952.26	123.33	Open To Flow (2)
7	2319.10	123.76	Final Hydro-static

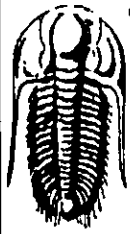
Recovery

Length (ft)	Description	Volume (bbl)
385.00	mud 100% m	1.89

* 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: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47996 **DST#: 3**
Test Start: 2012.06.30 @ 02:35:39

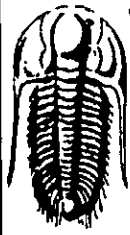
Tool Information

Drill Pipe:	Length: 4065.00 ft	Diameter: 3.80 inches	Volume: 57.02 bbl	Tool Weight: 2000.00 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: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 30000.00 lb
			<u>Total Volume: 59.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 95000.00 lb
Depth to Top Packer:	4656.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4629.00	
Shut In Tool	5.00			4634.00	
Hydraulic tool	5.00			4639.00	
Jars	5.00			4644.00	
Safety Joint	3.00			4647.00	
Packer	5.00			4652.00	28.00 Bottom Of Top Packer
Packer	4.00			4656.00	
Stubb	1.00			4657.00	
Recorder	0.00	8373	Inside	4657.00	
Recorder	0.00	8356	Outside	4657.00	
Perforations	4.00			4661.00	
Bullnose	5.00			4666.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

5-24s-21w Hodgeman, KS

3118 Cummings Rd
Garden City, Ks 67846

Gary 1-5

Job Ticket: 47996

DST#: 3

ATTN: Harley Sayles

Test Start: 2012.06.30 @ 02:35:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
385.00	mud 100%m	1.893

Total Length: 385.00 ft Total Volume: 1.893 bbl

Num Fluid Samples: 0

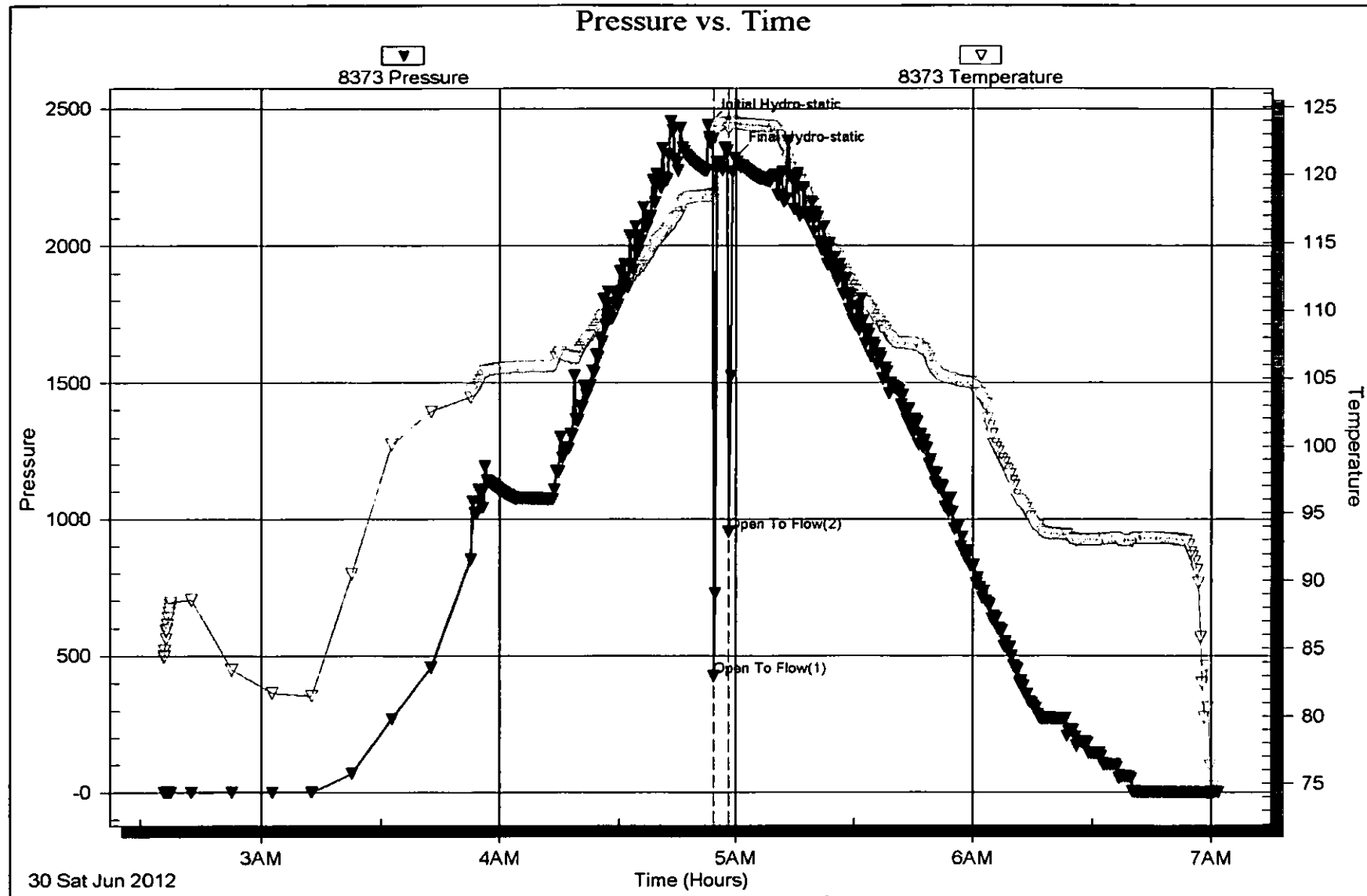
Num Gas Bombs: 0

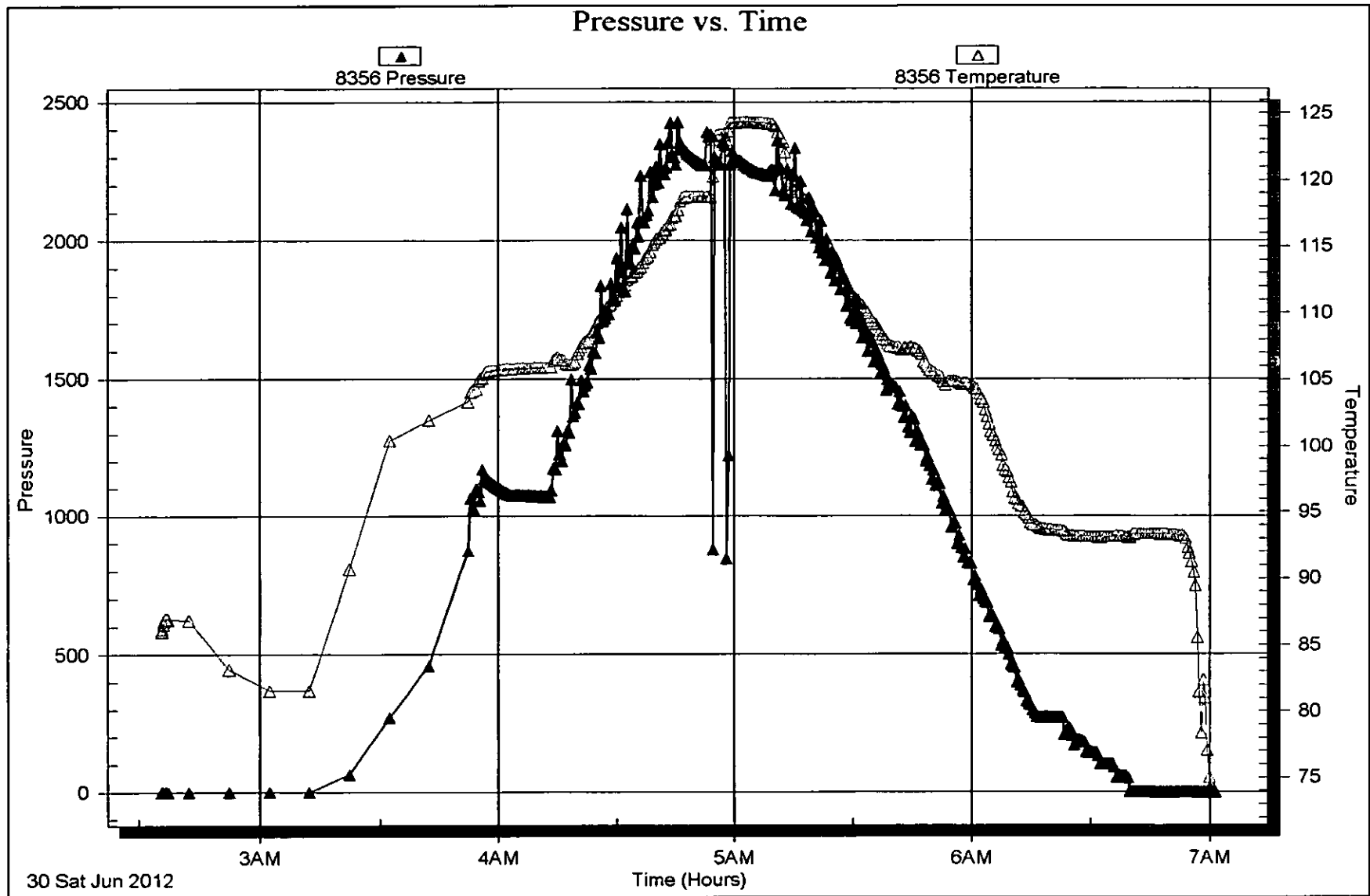
Serial #:

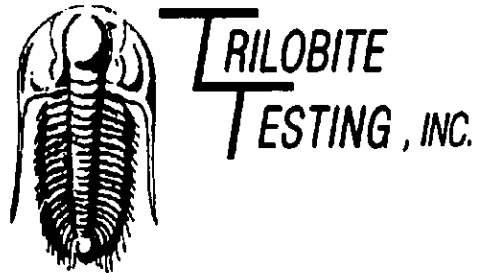
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.06.30 @ 07:21:46

End Date: 2012.06.30 @ 12:49:01

Job Ticket #: 47997 DST #: 4

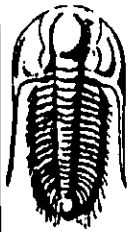
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 11:05:49

American Warrior Inc
5-24s-21w Hodgeman,KS
Gary 1-5
DST # 4
Warsaw
2012.06.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

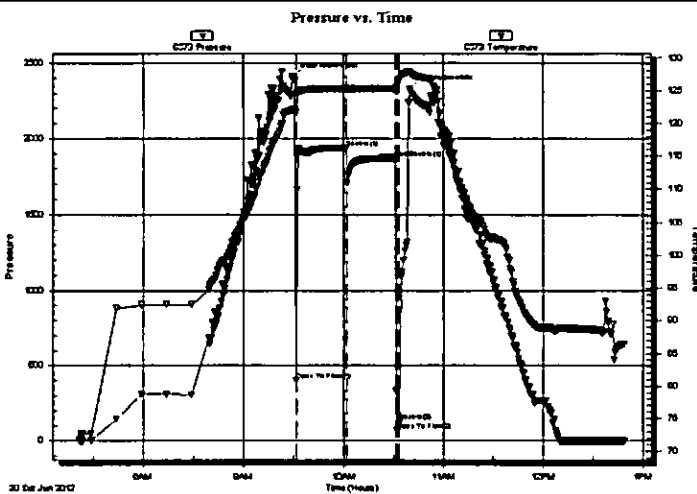
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47997 DST#: 4
Test Start: 2012.06.30 @ 07:21:46

GENERAL INFORMATION:

Formation: **Warsaw**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 09:31:31
Time Test Ended: 12:49:01
Interval: **4659.00 ft (KB) To 4666.00 ft (KB) (TVD)**
Total Depth: **4666.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **60**
Reference Elevations: **2375.00 ft (KB)**
2364.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8373 **Inside**
Press@RunDepth: **1936.03 psig @ 4660.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.06.30** End Date: **2012.06.30** Last Calib.: **2012.06.30**
Start Time: **07:21:51** End Time: **12:49:00** Time On Btrr: **2012.06.30 @ 09:29:46**
Time Off Btrr: **2012.06.30 @ 10:39:46**

TEST COMMENT: IF: 1/2 blow died in 16 min. packers leaked
IS: No return.
FF: No blow. Packer leaked on first part of open.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2407.82	122.05	Initial Hydro-static
2	402.31	121.66	Open To Flow (1)
32	1936.03	125.23	Shut-In(1)
62	1869.41	125.21	End Shut-In(1)
63	65.69	124.78	Open To Flow (2)
64	128.03	126.64	Shut-In(2)
70	2328.28	127.81	Final Hydro-static

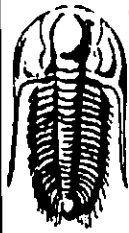
Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud 100%m	0.34

* 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: Harley Sayles

5-24s-21w Hodgeman, KS

Gary 1-5
Job Ticket: 47997 **DST#: 4**
Test Start: 2012.06.30 @ 07:21:46

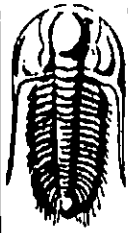
Tool Information

Drill Pipe:	Length: 4064.00 ft	Diameter: 3.80 inches	Volume: 57.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 59.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 94000.00 lb
Depth to Top Packer:	4659.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4632.00	
Shut In Tool	5.00			4637.00	
Hydraulic tool	5.00			4642.00	
Jars	5.00			4647.00	
Safety Joint	3.00			4650.00	
Packer	5.00			4655.00	28.00 Bottom Of Top Packer
Packer	4.00			4659.00	
Stubb	1.00			4660.00	
Recorder	0.00	8373	Inside	4660.00	
Recorder	0.00	8356	Outside	4660.00	
Perforations	1.00			4661.00	
Bullnose	5.00			4666.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47997 **DST#: 4**
Test Start: 2012.06.30 @ 07:21:46

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	10.78 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	mud 100%m	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

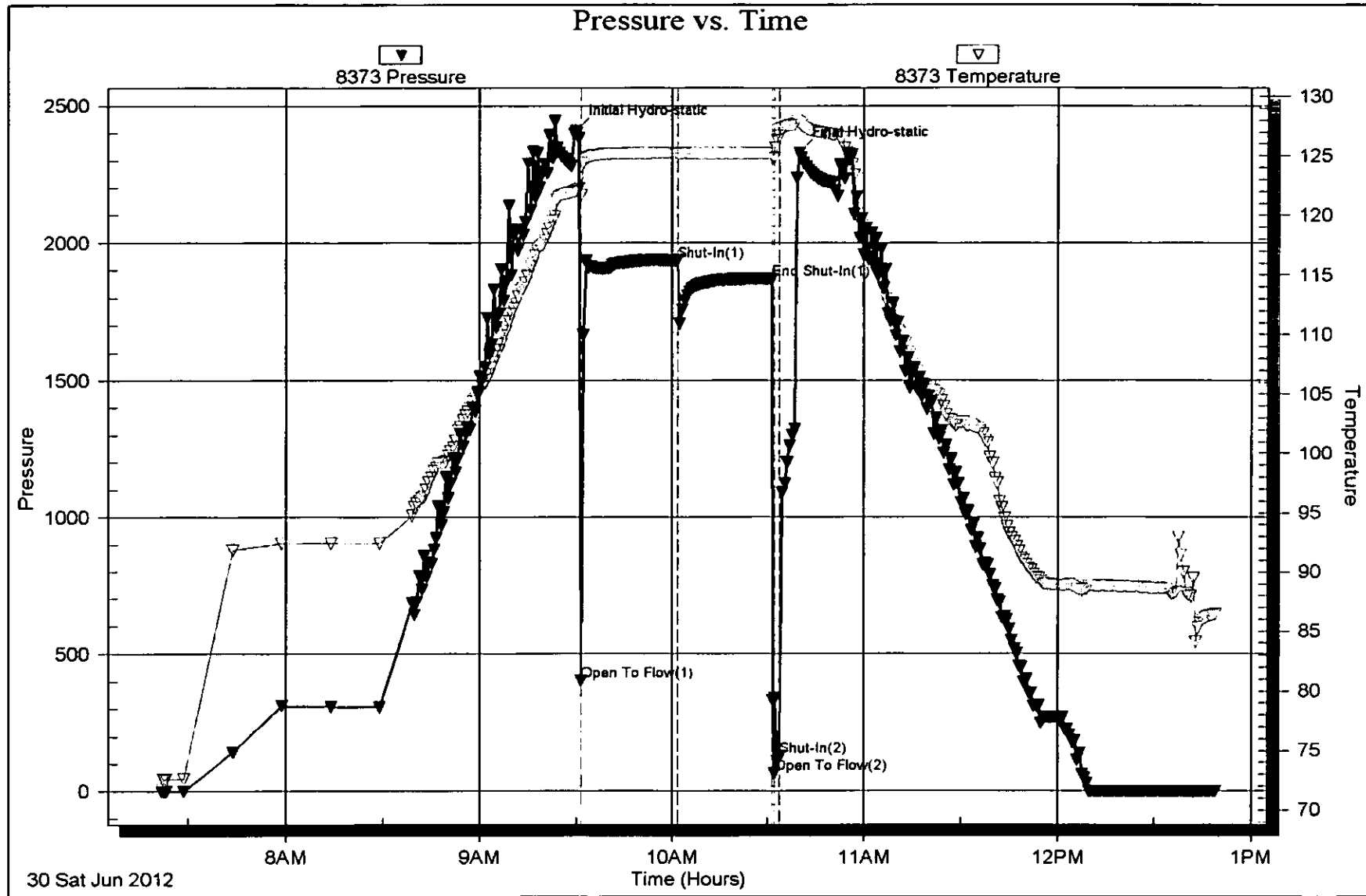
Num Gas Bombs: 0

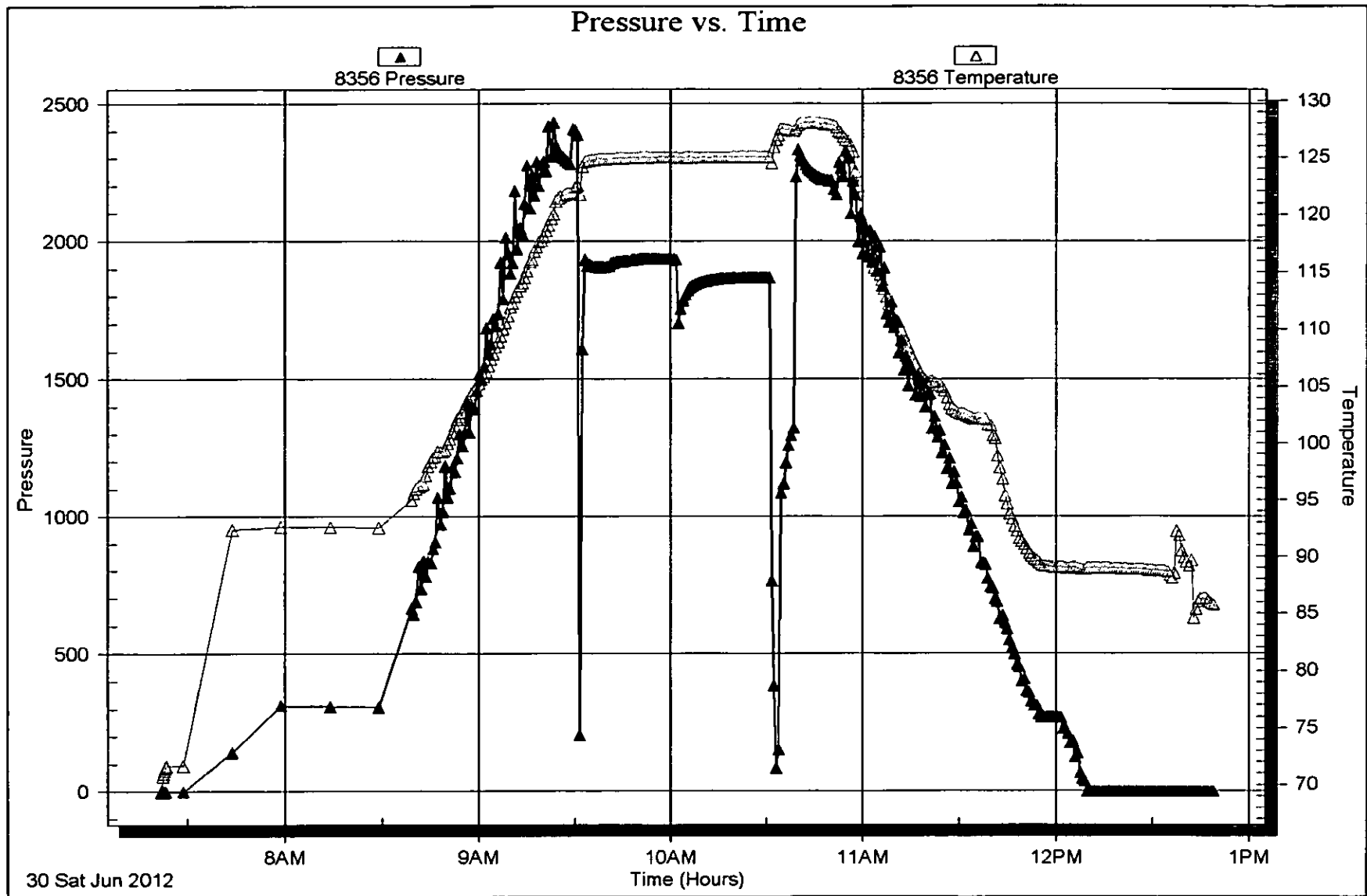
Serial #:

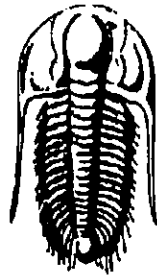
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.06.30 @ 23:38:33

End Date: 2012.07.01 @ 09:01:03

Job Ticket #: 47990 DST #: 5

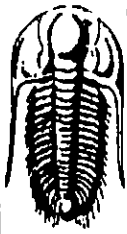
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 11:04:17

American Warrior Inc
5-24s-21w Hodgeman,KS
Gary 1-5
DST # 5
Miss-Osage
2012.06.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

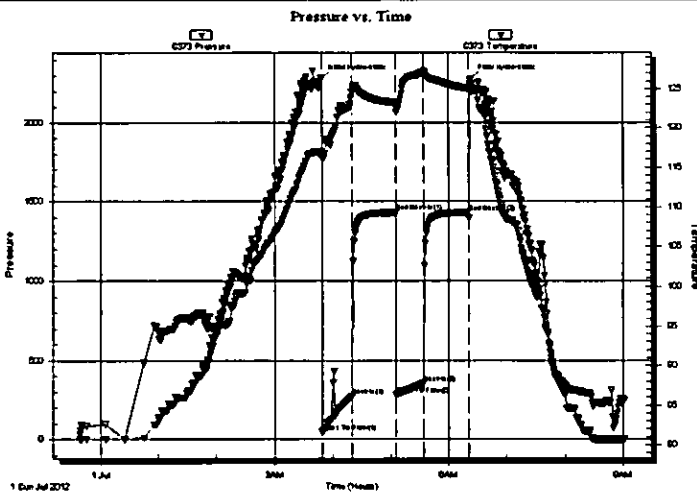
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47990 DST#: 5
Test Start: 2012.06.30 @ 23:38:33

GENERAL INFORMATION:

Formation: **Miss - Osage**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:49:18
Time Test Ended: 09:01:03
Interval: **4620.00 ft (KB) To 4672.00 ft (KB) (TVD)**
Total Depth: **4672.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **60**
Reference Elevations: **2375.00 ft (KB)**
2364.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 8373 Inside
Press@RunDepth: **356.19 psig @ 4621.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.06.30** End Date: **2012.07.01** Last Calib.: **2012.07.01**
Start Time: **23:38:38** End Time: **09:01:03** Time On Btm: **2012.07.01 @ 03:48:48**
Time Off Btm: **2012.07.01 @ 06:23:18**

TEST COMMENT: IF: BOB in 14 min.
IS: No return.
FF: BOB in 21 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2284.19	116.91	Initial Hydro-static
1	45.36	116.33	Open To Flow (1)
32	276.13	124.55	Shut-In(1)
77	1433.41	123.21	End Shut-In(1)
77	278.47	122.64	Open To Flow (2)
106	356.19	127.10	Shut-In(2)
152	1432.92	125.04	End Shut-In(2)
155	2280.75	124.62	Final Hydro-static

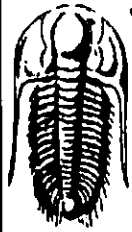
Recovery

Length (ft)	Description	Volume (bbl)
410.00	mcw 90%w 10%m	2.02
273.00	mcw 60%w 40%m	2.19
123.00	mud 100%m	1.73

* 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: Harley Sayles

5-24s-21w Hodgeman,KS
Gary 1-5
Job Ticket: 47990 **DST#: 5**
Test Start: 2012.06.30 @ 23:38:33

Tool Information

Drill Pipe:	Length: 4033.00 ft	Diameter: 3.80 inches	Volume: 56.57 bbl	Tool Weight: 2000.00 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: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 59.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 95000.00 lb
Depth to Top Packer:	4620.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4593.00	
Shut In Tool	5.00			4598.00	
Hydraulic tool	5.00			4603.00	
Jars	5.00			4608.00	
Safety Joint	3.00			4611.00	
Packer	5.00			4616.00	28.00 Bottom Of Top Packer
Packer	4.00			4620.00	
Stubb	1.00			4621.00	
Recorder	0.00	8373	Inside	4621.00	
Recorder	0.00	8356	Outside	4621.00	
Perforations	13.00			4634.00	
Change Over Sub	1.00			4635.00	
Drill Pipe	31.00			4666.00	
Change Over Sub	1.00			4667.00	
Bullnose	5.00			4672.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47990 **DST#: 5**
Test Start: 2012.06.30 @ 23:38:33

Mud and Cushion Information

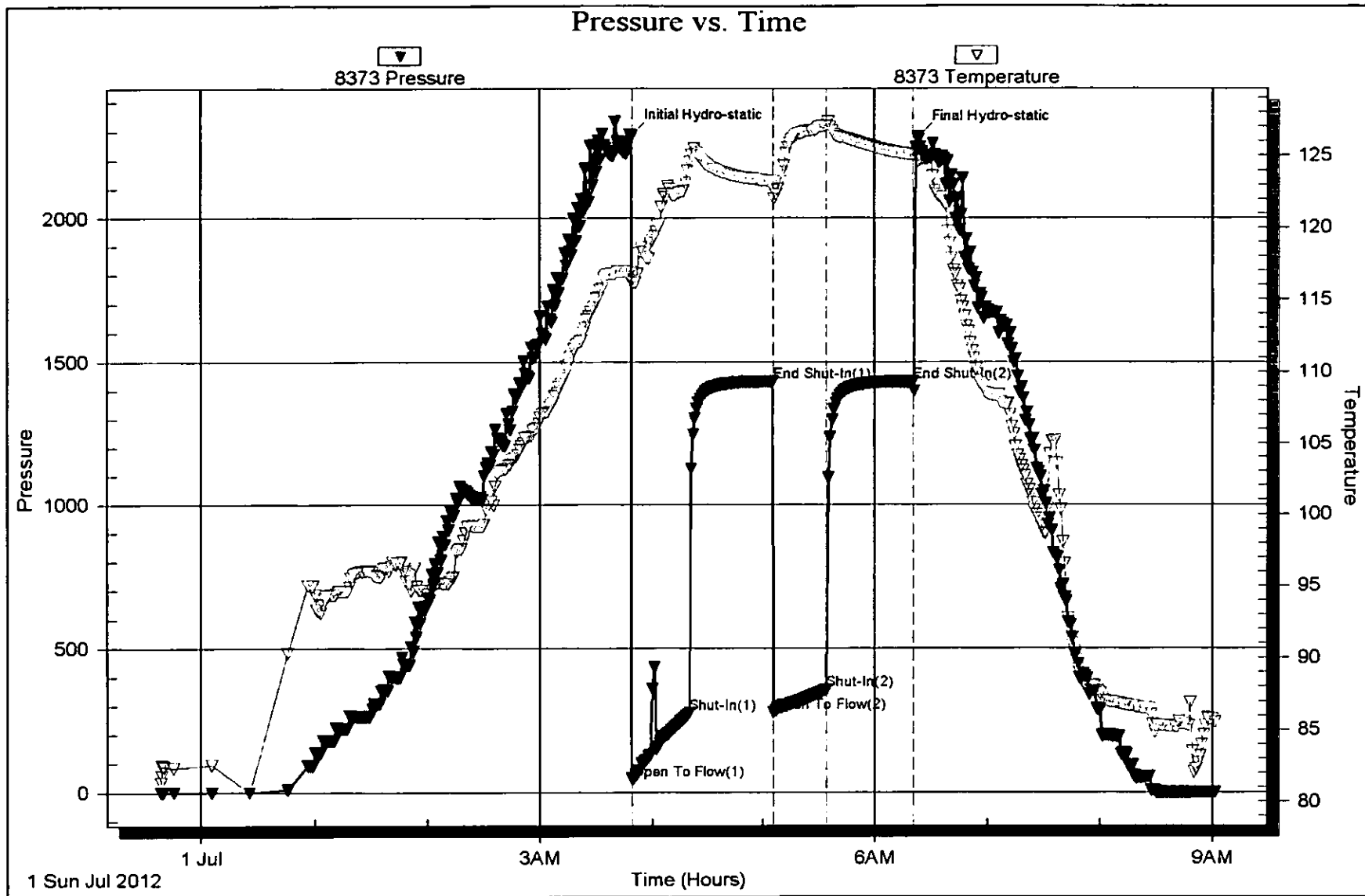
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 30000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 6700.00 ppm		
Filter Cake: 1.00 inches		

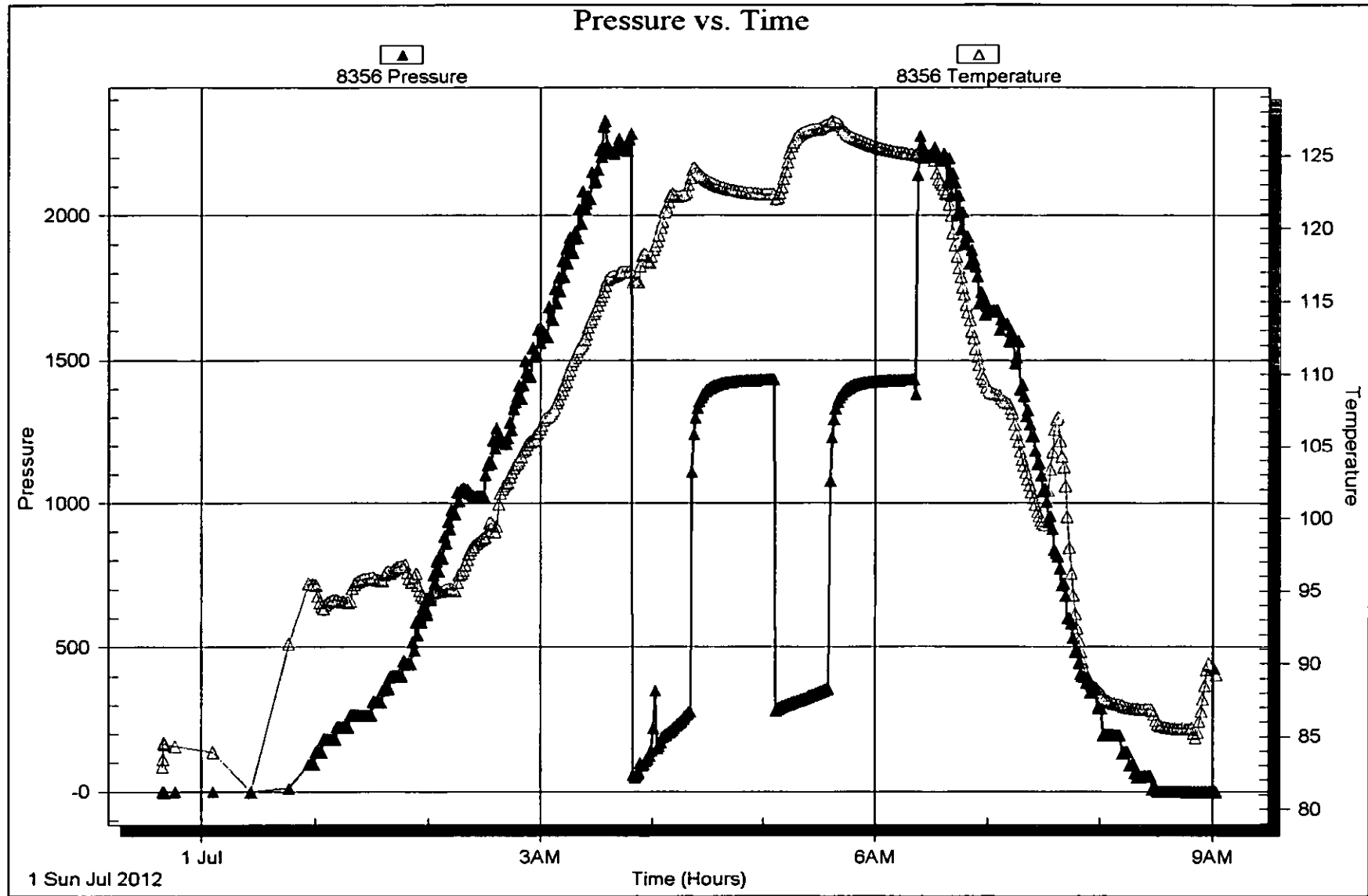
Recovery Information

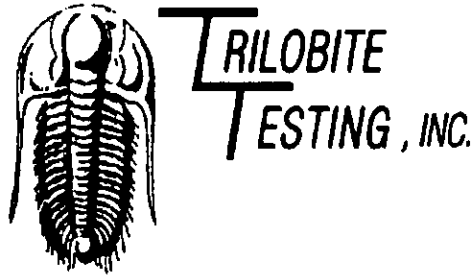
Recovery Table

Length ft	Description	Volume bbl
410.00	mcw 90%w 10%m	2.016
273.00	mcw 60%w 40%m	2.190
123.00	mud 100%m	1.725

Total Length: 806.00 ft Total Volume: 5.931 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .22@74=30000







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Harley Sayles

Gary 1-5

5-24s-21w Hodgeman,KS

Start Date: 2012.07.01 @ 09:58:58

End Date: 2012.07.01 @ 15:20:43

Job Ticket #: 47999 DST #: 6

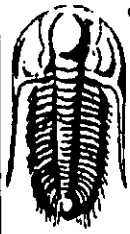
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 11:03:25

American Warrior Inc 5-24s-21w Hodgeman,KS Gary 1-5 DST # 6 LKC-L 2012.07.01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

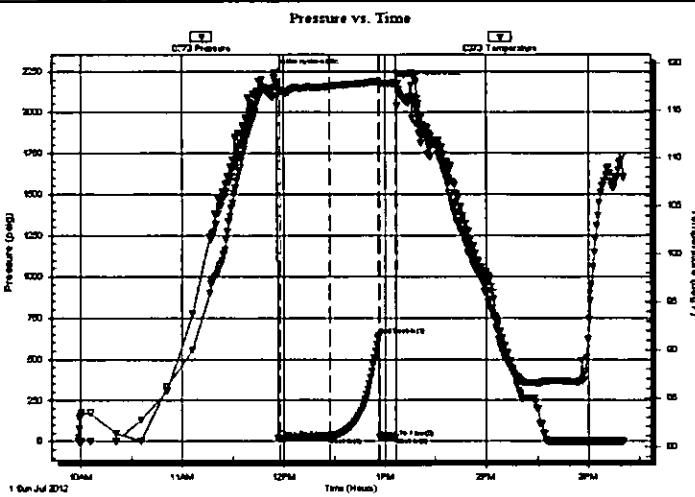
5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47999 DST#: 6
Test Start: 2012.07.01 @ 09:58:58

GENERAL INFORMATION:

Formation: **LKC-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:57:28
Time Test Ended: 15:20:43
Interval: **4380.00 ft (KB) To 4396.00 ft (KB) (TVD)**
Total Depth: 4672.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 2375.00 ft (KB)
2364.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: **8373** Inside
Press@RunDepth: 23.86 psig @ 4381.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.01 End Date: 2012.07.01 Last Calib.: 2012.07.01
Start Time: 09:59:03 End Time: 15:20:42 Time On Btm: 2012.07.01 @ 11:54:13
Time Off Btm: 2012.07.01 @ 13:07:28

TEST COMMENT: IF: Surface blow died in 16 min.
IS: No return.
FF: No blow.
Puffed tool.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.53	117.36	Initial Hydro-static
4	17.22	116.89	Open To Flow (1)
34	23.86	117.53	Shut-in(1)
62	644.55	118.09	End Shut-in(1)
63	22.51	117.79	Open To Flow (2)
73	27.31	117.88	Shut-in(2)
74	2172.94	118.87	Final Hydro-static

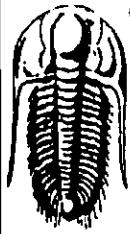
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud oil spots 100%rn	0.05

* 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: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47999 DST#: 6
Test Start: 2012.07.01 @ 09:58:58

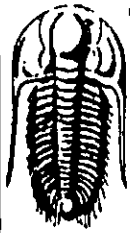
Tool Information

Drill Pipe:	Length: 3782.00 ft	Diameter: 3.80 inches	Volume: 53.05 bbl	Tool Weight: 2000.00 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: 590.00 ft	Diameter: 2.25 inches	Volume: 2.90 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 55.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 95000.00 lb
Depth to Top Packer:	4380.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	4392.00 ft			
Interval between Packers:	12.00 ft			
Tool Length:	320.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4353.00	
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
Safety Joint	3.00			4371.00	
Packer	5.00			4376.00	28.00 Bottom Of Top Packer
Packer	4.00			4380.00	
Stubb	1.00			4381.00	
Recorder	0.00	8373	Inside	4381.00	
Recorder	0.00	8356	Outside	4381.00	
Perforations	10.00			4391.00	
Blank Off Sub	1.00			4392.00	12.00 Tool Interval
Packer	4.00			4396.00	
Stubb	1.00			4397.00	
Recorder	0.00	8645	Below	4397.00	
Perforations	16.00			4413.00	
Change Over Sub	1.00			4414.00	
Drill Pipe	252.00			4666.00	
Change Over Sub	1.00			4667.00	
Bullnose	5.00			4672.00	280.00 Bottom Packers & Anchor

Total Tool Length: 320.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
3118 Cummings Rd
Garden City, Ks 67846
ATTN: Harley Sayles

5-24s-21w Hodgeman, KS
Gary 1-5
Job Ticket: 47999 **DST#: 6**
Test Start: 2012.07.01 @ 09:58:58

Mud and Cushion Information

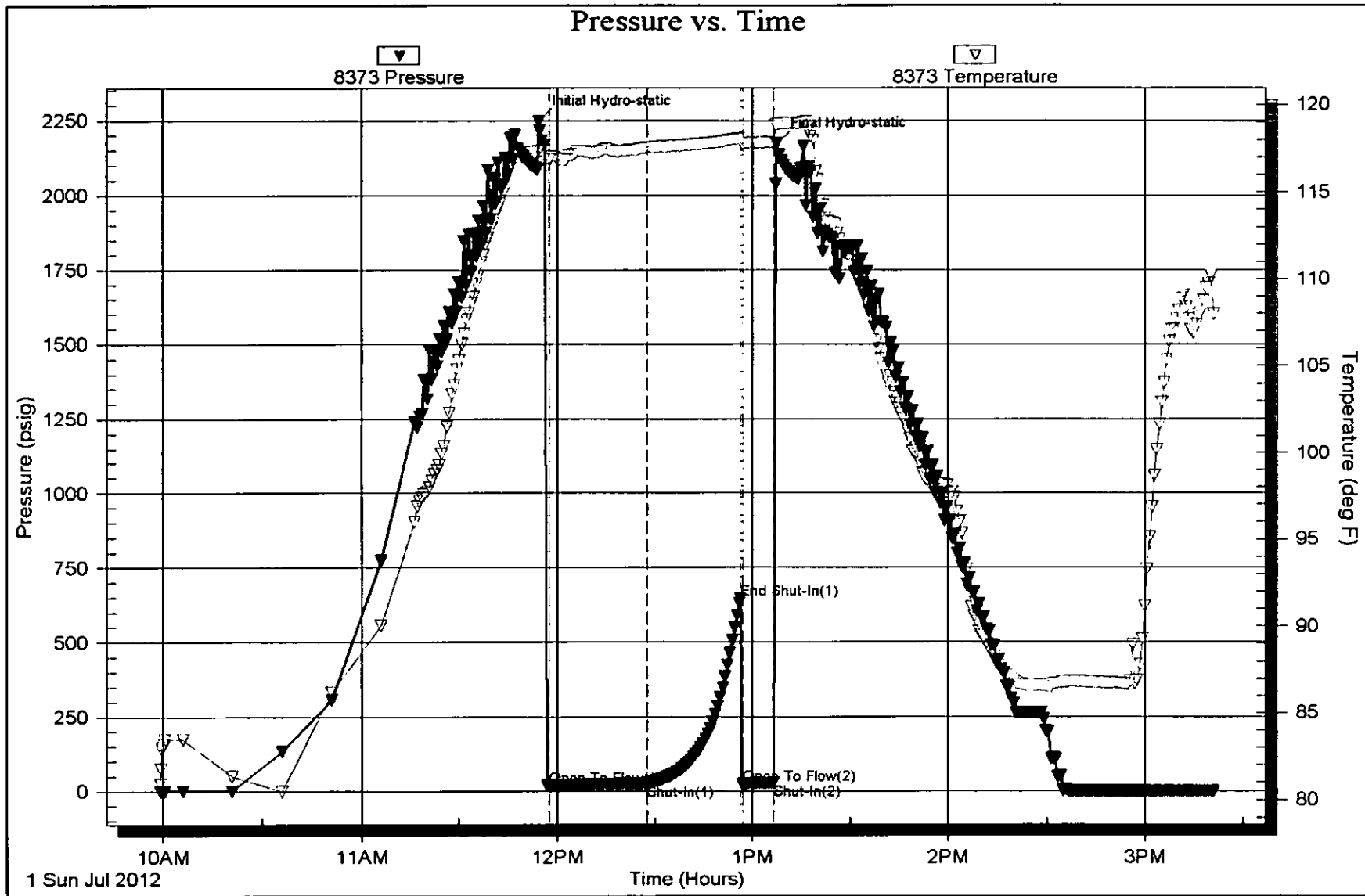
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: 1.00 inches			

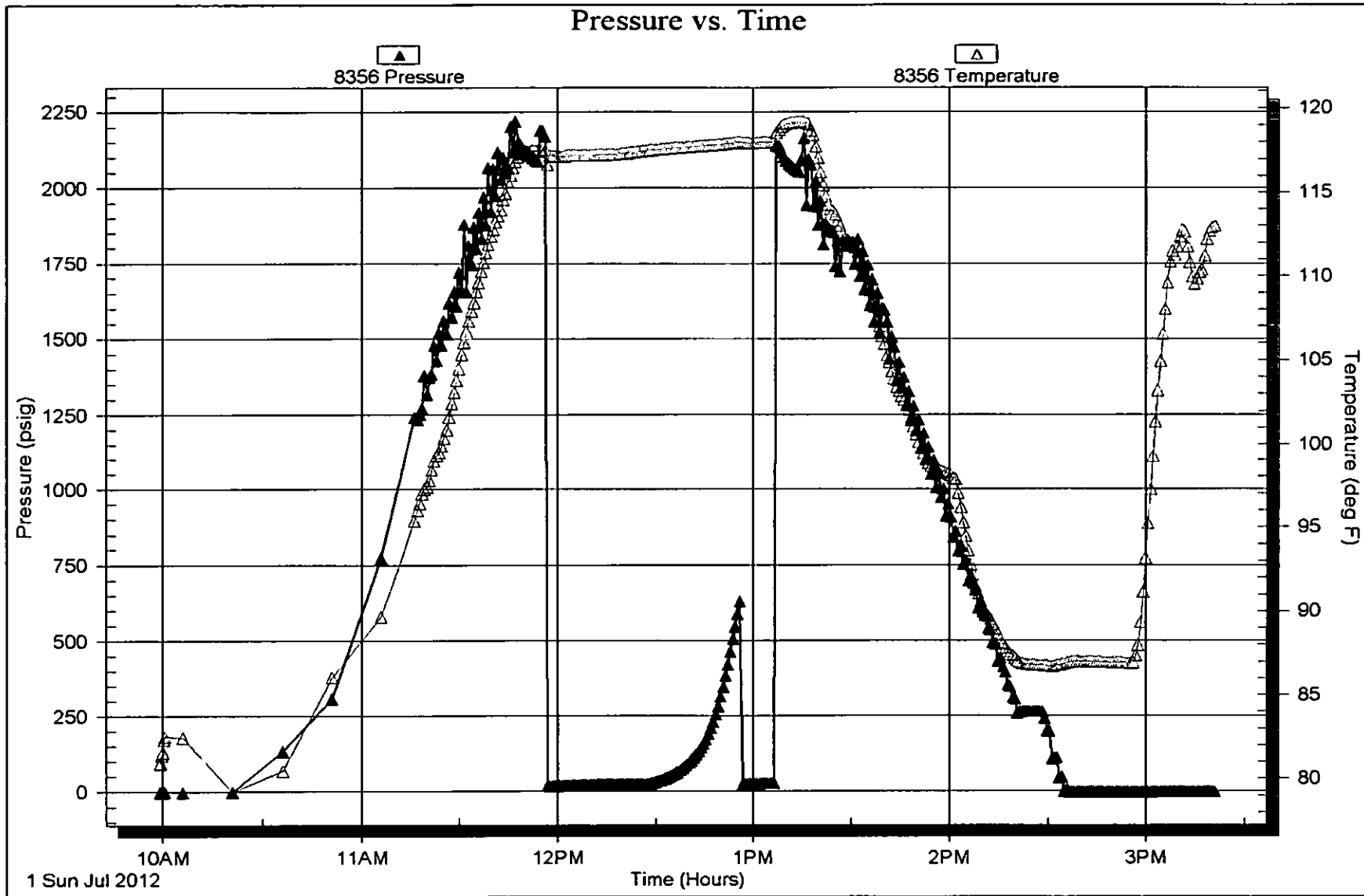
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud oil spots 100%m	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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47994

Well Name & No. Gary 1-5 Test No. 1 Date 6-28-12
 Company American Warrior Inc Elevation 2375 KB 2364 GL
 Address 3118 Cummings Rd Garden City, KS 67846
 Co. Rep / Geo. Harley Styles Rig Duke #10
 Location: Sec. 5 Twp. 24S Rge. 21W Co. Hodgeman State KS

Interval Tested 4438 4460 Zone Tested Altamont A
 Anchor Length 22 Drill Pipe Run 3847 Mud Wt. 9.0
 Top Packer Depth 4433 Drill Collars Run 590 Vis 50
 Bottom Packer Depth 4438 Wt. Pipe Run — WL 9.2
 Total Depth 4460 Chlorides 6100 ppm System LCM 2

Blow Description IF: 1/4 blow built to 2 1/4 ;
IS: No return.
FF: surface blow built to 1/2.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>ALW</u>		<u>90</u>	<u>10</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

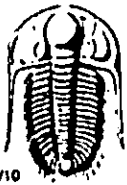
Rec Total 120 BHT 122 Gravity — API RW .14 @ 110 °F Chlorides 32,000 ppm

(A) Initial Hydrostatic 2185 Test 1250 T-On Location 4:15
 (B) First Initial Flow 18 Jars 250 T-Started 5:38
 (C) First Final Flow 48 Safety Joint 75 T-Open 7:52
 (D) Initial Shut-In 265 Circ Sub NIL T-Pulled 10:52
 (E) Second Initial Flow 51 Hourly Standby _____ T-Out 13:05
 (F) Second Final Flow 89 Mileage 216 - 174rt 269.70 Comments _____
 (G) Final Shut-In 205 Sampler _____
 (H) Final Hydrostatic 2153 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1844.70
 Sub Total 0
 Total _____
 MP/DST Disc't _____

Approved By Harley Styles Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47995

Well Name & No. Gary 1-5 Test No. 2 Date 6-29-12
 Company American Warrior Inc Elevation 2375 KB 2364 GL
 Address _____
 Co. Rep / Geo. Harley Snyles Rig Duke #10
 Location: Sec. 5 Twp. 24^s Rge. 21^w Co. Hodgeman State KS

Interval Tested 4596 4616 Zone Tested Ft. Scott - Cherokee
 Anchor Length 20 Drill Pipe Run 4002 Mud Wt. 9.1
 Top Packer Depth 4591 Drill Collars Run 590 Vis 57
 Bottom Packer Depth 4596 Wt. Pipe Run — WL 9.2
 Total Depth 4616 Chlorides 6800 ppm System LCM 2
 Blow Description IF: Weak blow died in 2 min.
IS: No return.
FF: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>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 Total 1 BHT 118 Gravity — API RW — @ — °F Chlorides — ppm

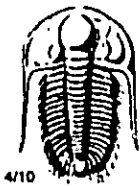
(A) Initial Hydrostatic <u>2345</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>8:05</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>8:57</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>11:09</u>
(D) Initial Shut-In <u>27</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>12:19</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:08</u>
(F) Second Final Flow <u>19</u>	<input checked="" type="checkbox"/> Mileage <u>216</u>	Comments _____
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2272</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>20</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>—</u>	<input type="checkbox"/> Day Standby	Total <u>1844.70</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____

Sub Total 1844.70

Approved By [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47996

Well Name & No. Gary 1-5 Test No. 3 Date 6-30-12
 Company American Warrior Inc Elevation 2375 KB 2364 GL
 Address _____
 Co. Rep / Geo. Harley Savles Rig Duke #10
 Location: Sec. 5 Twp. 24S Rge. 21W Co. Hodgeman State KS

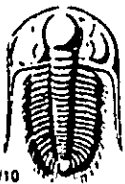
Interval Tested 4656 4666 Zone Tested WRS9W
 Anchor Length _____ 10 Drill Pipe Run 4065 Mud Wt. 9.6
 Top Packer Depth _____ 4651 Drill Collars Run 590 Vis 55
 Bottom Packer Depth _____ 4656 Wt. Pipe Run _____ WL 10.0
 Total Depth _____ 4666 Chlorides 6500 ppm System LCM 2
 Blow Description Packer Failed & open

Rec	Feet of	%gas	%oil	%water	%mud
<u>385</u>	<u>Mud</u>			<u>100</u>	
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total 385 BHT 123 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2439</u>	<input checked="" type="checkbox"/> Test 1050	T-On Location <u>1:10</u>
(B) First Initial Flow <u>425</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>2:35</u>
(C) First Final Flow _____	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>4:53</u>
(D) Initial Shut-In _____	<input checked="" type="checkbox"/> Circ Sub <u>N/L</u>	T-Pulled <u>4:56</u>
(E) Second Initial Flow <u>952</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>7:00</u>
(F) Second Final Flow _____	<input checked="" type="checkbox"/> Mileage <u>216</u> 269.70	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2319</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open _____	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In _____	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow _____	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In _____	<input type="checkbox"/> Day Standby _____	Total _____
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1644.70</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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47997

Well Name & No. GARY 1-5 Test No. 4 Date 6-30-12
 Company American Warrior Inc Elevation 2375 KB 2369 GL
 Address _____
 Co. Rep / Geo. Harley Styles Rig Duke #10
 Location: Sec. 5 Twp. 24^S Rge. 21^W Co. Hodgeman State KS

Interval Tested 4659 4666 Zone Tested WYTS9W
 Anchor Length _____ 7 Drill Pipe Run 4064 Mud Wt. 9.6
 Top Packer Depth _____ 4654 Drill Collars Run 590 Vis 55
 Bottom Packer Depth _____ 4659 Wt. Pipe Run _____ WL 10.8
 Total Depth _____ 4666 Chlorides 6500 ppm System LCM 2

Blow Description IF: 1/2 blow bled in 16 min, Packers leaked
IS: No return.
FF: No blow. Packers leaked on first part of open.
Pulled tool

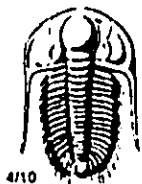
Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 126 Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic 2407 Test 1050 T-On Location 7:00
 (B) First Initial Flow 402 Jars _____ T-Started 7:21
 (C) First Final Flow 1936 Safety Joint 75 T-Open 9:31
 (D) Initial Shut-In 1869 Circ Sub N/C T-Pulled 10:41
 (E) Second Initial Flow 65 Hourly Standby _____ T-Out 13:00
 (F) Second Final Flow 128 Mileage 269.70 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2328 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer 320
 Final Flow 10 Extra Packer _____
 Final Shut-In _____ Extra Recorder _____
 Day Standby _____ Sub Total _____
 Accessibility _____ MP/DST Disc't _____

Sub Total 1644.70
 Approved By Harley Styles 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, tool's lost or damaged in the hole shall be paid for at cost by the party for whom the test is made



TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47998

Well Name & No. 6954 1-5 Test No. 5 Date 6-30-12
 Company American Warrior Inc Elevation 2375 KB 2364 GL
 Address _____
 Co. Rep / Geo. Harley Sayles Rig Duke #10
 Location: Sec. 5 Twp. 24S Rge. 21W Co. Hodgeman State KS

Interval Tested 4620 4672 Zone Tested Miss - 0599e
 Anchor Length 52 Drill Pipe Run 4033 Mud Wt. 9.6
 Top Packer Depth 4515 Drill Collars Run 590 Vis 50
 Bottom Packer Depth 4620 Wt. Pipe Run — WL 10.8
 Total Depth 4672 Chlorides 6700 ppm System LCM 2

Blow Description IF: BoB in 14 min.
IS: No return.
FF: BoB in 21 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>123</u>	<u>mud</u>			<u>100</u>	
<u>273</u>	<u>MCW</u>		<u>60</u>	<u>40</u>	
<u>410</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 806 BHT 125 Gravity — API RW .22 @ 74 ° F Chlorides 30,000 ppm

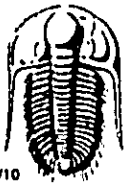
(A) Initial Hydrostatic 2284 Test 1250 T-On Location 21:40
 (B) First Initial Flow 45 Jars 250 T-Started 23:38
 (C) First Final Flow 276 Safety Joint 75 T-Open 3:48
 (D) Initial Shut-In 1433 Circ Sub NIL T-Pulled 6:18
 (E) Second Initial Flow 278 Hourly Standby 2-200 1.25h 125 T-Out 9:00
 (F) Second Final Flow 356 Mileage 216 269.70
 (G) Final Shut-In 1432 Sampler _____
 (H) Final Hydrostatic 2280 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Accessibility _____

Sub Total _____ MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47999

Well Name & No. Gary 1-5 Test No. 6 Date 7-1-12
 Company American Warrior Inc Elevation 2375 KB 2364 GL
 Address _____
 Co. Rep / Geo. Horley Savles Rig Duke #10
 Location: Sec. 5 Twp. 245 Rge. 21W Co. Hodgeman State KS

Interval Tested 4380 4396 Zone Tested LKC-L
 Anchor Length 16 ~~17~~ Drill Pipe Run 3782 Mud Wt. 9.6
 Top Packer Depth 4380 Drill Collars Run 590 Vis 50
 Bottom Packer Depth 4396 Wt. Pipe Run — WL 10.8
 Total Depth 4672 Chlorides 6700 ppm System LCM 2
 Blow Description IF! surface blow died in 16 min.
IS! NO return.
FF! No blow.
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud oil spots</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 10 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2245 Test _____ T-On Location 9:00
 (B) First Initial Flow 17 Jars 250 _____ T-Started 9:58
 (C) First Final Flow 23 Safety Joint 75 _____ T-Open 11:55
 (D) Initial Shut-In 644 Circ Sub NIL _____ T-Pulled 13:05
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 15:20
 (F) Second Final Flow 27 Mileage _____
 (G) Final Shut-In — Sampler _____
 (H) Final Hydrostatic 2172 Straddle 600 _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 10 Extra Recorder _____
 Final Shut-In — Day Standby _____
 Accessibility _____
 Sub Total 2175 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]
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Geological Report

**American Warrior Inc.
Gary #1-5
1400' FSL & 500' FWL
Sec. 5 T24s R21w
Hodgeman County, Kansas**



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Gary #1-5
1400' FSL & 500' FWL
Sec. 5 T24s R21w
Hodgeman County, Kansas
API # 15-083-21803-0000

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Harley Sayles

Spud Date: June 21, 2012

Completion Date: July 1, 2012

Elevation: 2364' Ground Level
2375' Kelly Bushing

Directions: Hanston KS, 7.9 mi south on Spearville Rd, 4 mi East on H Rd, 2 mi South on 232 Rd, 1.0 mi West on F Rd, 0.2 mi North, then East 0.1 mi into location

Casing: 24# 8 5/8" surface casing @ 250, plugged

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3850' to RTD

Electric Logs: None

Drillstem Tests: Six, "Brandon Turley"

Problems: None

Remarks: None

Formation Tops

American Warrior, Inc.	
Gary #1-5	
Sec. 5 T24s R21w	
1400' FSL & 500' FWL	
Formation	
Anhydrite	1453', +922
Base	1472', +903
Heebner	3957', -1582
Lansing	4060', -1685
Stark	4290', -1915
BKc	4406', -2031
Marmaton	4434', -2059
Altamont "A"	4446', -2071
Pawnee	4520', -2145
Fort Scott	4574', -2199
Cherokee	4601', -2226
Mississippian	4656', -2281
Osage	4666', -2291
RTD	4672', -2297

Sample Zone Descriptions

Lansing L	(4348', -1973)	Covered in DST #6 Ls- Tan, fine crystalline, poor to good inter-crystalline porosity, poor vuggy porosity, poor oomoldic porosity, good show of free oil, partial to complete saturation and stain, few gas bubbles, slight odor, dull yellow florescence
Altamont "A"	(4446', -2071)	Covered in DST #1 Ls- Cream to tan, fine to sub to crystalline, poor to fair inter-crystalline porosity, slight show of free oil, slight odor, few gas bubbles, bright yellow florescence, scattered saturation and stain
Fort Scott	(4574', -2199)	Covered in DST #2 Ls- Tan, fine to sub crystalline, poor inter crystalline porosity, slight show of oil, few gas bubbles, yellow florescence, 0 units hotwire

Cherokee (4601', -2226) Covered in DST #2
 Ls- Cream to tan, fine to sub crystalline, poor to fair
 intercrystalline porosity, partial to complete saturation and stain,
 fair show of free oil, slight odor, yellow florescence, few gas
 bubbles, 20 units hotwire?

Warsaw (4656', -2281) Covered in DST #3 & #4
 Dolo- Off white to tan, fine crystalline, fair to very good sucrosic
 intercrystalline porosity, good odor, yellow florescence

Osage (4666', -2291) Covered in DST #5
 Δ-Dolo- Cream to tan, fine crystalline, good intercrystalline
 porosity, mostly chert, white, heavily weathered tripolitic chert,
 some fresh, fair show of free oil, good odor, yellow florescence

Drill Stem Tests
 Trilobite Testing Inc.
 "Brandon Turley"

DST #1 Altamont "A"

Interval (4438' – 4460') Anchor Length 22'

IHP	- 2185 #	
IFP	- 30" – Blow built to 2 1/4"	18-48 #
ISI	- 45" – No blow back	206 #
FFP	- 45" – Blow built to 1/2"	51-89 #
FSIP	- 60" – No blow back	205 #
FHP	- 2153 #	
BHT	- 122 °F	

Recovery: 120' MCW 90% Water, 10% Mud

DST #2 Fort Scott and Cherokee Lime

Interval (4596' – 4616') Anchor Length 20'

IHP	- 2345 #	
IFP	- 30" – Surface blow died in 2"	18-20 #
ISI	- 30" – No blow back	27 #
FFP	- 10" – No blow	19-19 #
FHP	- 2272 #	
BHT	- 118 °F	

Recovery: 1' M

DST #3 **Mississippian Warsaw**

Interval (4656' - 4666') Anchor Length 10'

IHP - 2439 #

Packer failure

FHP - 2319 #

BHT - 129 °F

Recovery: 385' M

DST #4 **Mississippian Warsaw**

Interval (4659' - 4666') Anchor Length 7'

IHP - 2407 #

IFP - 30" - 1/2" Surface blow died in 16", packers leaked 402-1936 #

ISI - 30" - No blow back 1869 #

FFP - 10" - No blow, packers leaked again 65-128 #

FHP - 2328 #

BHT - 126 °F

Recovery: 70' M

DST #5 **Mississippian Osage**

Interval (4620' - 4672') Anchor Length 52'

IHP - 2284 #

IFP - 30" - B.O.B. 14" 45-276 #

ISI - 45" - No blow back 1433 #

FFP - 30" - B.O.B. 21" 278-356 #

FSIP - 45" - No blow back 1432 #

FHP - 2280 #

BHT - 125 °F

Recovery: 123' M

273' MCW

60% Water, 40% Mud

410' MCW

90% Water, 10% Mud

DST #5 **Mississippian Osage**

Interval (4620' - 4672') Anchor Length 52'

IHP - 2284 #

IFP - 30" - B.O.B. 14" 45-276 #

ISI - 45" - No blow back 1433 #

FFP - 30" - B.O.B. 21" 278-356 #

FSIP - 45" - No blow back 1432 #

FHP - 2280 #

BHT - 125 °F

Recovery: 123' M
 273' MCW 60% Water, 40% Mud
 410' MCW 90% Water, 10% Mud

DST #5 Lansing/Kansas City "L"

Interval (4380' - 4396') Anchor Length 16', Tail pipe 276'

IHP - 2245 #
 IFP - 30" - Surface blow died 16" 17-23 #
 ISI - 30" - No blow back 644 #
 FFP - 10" - No blow 22-27 #
 FHP - 2172 #
 BHT - 117 °F

Recovery: 10' M w/oil spots

Structural Comparison

	American Warrior, Inc. Gary #1-5 Sec. 5 T24s R21w 1400' FSL & 500' FWL	Pendleton Land and Exploration, Inc. Virginia Gleason #4 Sec. 5 T24s R21w 1243' FSL & 958' FWL		American Warrior, Inc. Helfrich-Gleason #1-5 Sec. 5 T24s R21w 1232' FSL & 2506' FEL	
Formation					
Anhydrite	1453', +922	N/A	N/A	1449', +925	(-3)
Base	1472', +903	N/A	N/A	1482', +892	(+11)
Hebner	3957', -1582	3945', -1570	(-12)	3940', -1566	(-16)
Lansing	4060', -1685	4040', -1665	(-20)	4040', -1666	(-19)
Stark	4290', -1915	4276', -1901	(-14)	4276', -1902	(-13)
BKc	4406', -2031	4390', -2015	(-16)	4392', -2018	(-13)
Marmaton	4434', -2059	4413', -2038	(-21)	4419', -2045	(-14)
Altamont "A"	4446', -2071	4431', -2056	(-15)	4431', -2057	(-14)
Pawnee	4520', -2145	4506', -2131	(-14)	4510', -2136	(-9)
Fort Scott	4574', -2199	4561', -2186	(-13)	4563', -2189	(-10)
Cherokee	4601', -2226	4586', -2211	(-15)	4588', -2214	(-12)
Mississippian	4656', -2281	4649', -2274	(-7)	4646', -2272	(-9)
Osage	4666', -2291	4660', -2285	(-6)	4658', -2284	(-7)
RTD	4672', -2297				

Summary

The location for the Gary #1-5 well was found via 3-D seismic survey. The new well ran structurally slightly lower than expected. The six drill stem tests which were conducted, none of which recovered commercial amounts of oil. After all gathered data had been examined the decision was made to plug and abandon the Gary #1-5 well.

Respectfully Submitted,

Harley K. Sayles
American Warrior Inc.