



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1093980

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Korf 5-7
Doc ID	1093980

Tops

Name	Top	Datum
Heebner	3797'	-1531
Lansing	3839'	-1573
Stark	4115'	-1849
B/KC	4220'	-1954
Marmaton	4242'	-1979
Pawnee	4328'	-2062
Ft.Scott	4390'	-2124
Cherokee	4416'	-2150
Mississippian	4466'	-2200



CHARGE TO: American Warrior  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET No 23140

PAGE 1 OF 2

SERVICE LOCATIONS 1. Assa City KS WELL/PROJECT NO. 5-7 LEASE Korf COUNTY/PARISH Hodgeman STATE KS CITY Jetmore DATE 10 Jul 12 OWNER  
 2. TICKET TYPE  SERVICE CONTRACTOR DUKEZ RIG NAME/NO. 9 SHIPPED VIA DELIVERED TO Location ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement long string WELL PERMIT NO. WELL LOCATION 7-23-22W  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	40	mi			6.00	240.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	53	in	9	ea	70.00	630.00
403		1			Cement Basket	52	in	1	ea	250.00	250.00
405		1			Packer shoe	52	in	1	ea	1400.00	1400.00
406		1			Latch down plug & baffle	52	in	1	ea	250.00	250.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X  
 DATE SIGNED TIME SIGNED  A.M.  P.M.  
0730

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	4270.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5352.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	9622.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45%	533.89
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,156.64
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR AB Hill APPROVAL

Thank You!



PO Box 466.  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 23140

CUSTOMER American Warrior WELL KORF 5-7 DATE 10/01/12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
325		1				Standard Cement	175	SK			13.50	2362.50	
284		1				calseal	800	lb	8	sk	35.00	280.00	
283		1				salt	900	lb			0.20	180.00	
292		1				halad-322	125	lb			7.75	968.75	
276		r				flocele	50	00			2.00	100.00	
281		1				mud flush	500	gal			1.25	625.00	
221		1				KCh liquid	2	gal			25.00	50.00	
290						D-AIR	2	gal			35.00	70.00	
581		1				SERVICE CHARGE	175				2.00	350.00	
583		1				MILEAGE CHARGE	15325	TOTAL WEIGHT	40	LOADED MILES	3665	TON MILES	366.50

CONTINUATION TOTAL 5352.75

JOB LOG

SWIFT Services, Inc.

DATE 10 Jun 12 PAGE NO.

CUSTOMER American Warrior WELL NO. 5-7 LEASE KORF JOB TYPE cement long string TICKET NO. 23140

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SA-2 w/ # Floode 5 1/2" x 5.5" casing shot 30' 107jts CTD 4513' RTD 4516' set @ 4506' Cmt 1, 2, 3 5 6 7 8 9, 10 Basket 4 jts out #108-113
	0130							on loc TRK 114
	0300							start 5 1/2" x 5.5" casing in well
	0510							circulate well
	0550						1200	Drop goldemball - set packer shoe
	0605	4 3/4 4 3/4	12				200 200	Pump 500gal mud flush Pump 20 bbl KCL flash
	0610		7					Plug RH - MH <del>305sk</del> <del>-205sk</del>
	0614	4 3/4	35				200	MIX SA-2 cement <del>1255sk</del> @ 15.3ppg
	0625							Drop latch down plug wash out pump & line
	0630	6 3/4 6 3/4	90				200 850	Displace plug
	0650	6 3/4	107				<del>1580</del>	Land plug Release pressure to truck - dried up
	0655							wash truck Risek up
	0720							job complete Thanks TJ Dave & Blaine

# ALLIED OIL & GAS SERVICES, LLC 053639

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Great Bend, KS

DATE <u>7-3-12</u>	SEC. <u>7</u>	TWP. <u>23</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30</u>	JOB FINISH <u>4:30</u>
LEASE <u>Koef</u>	WELL # <u>5-7</u>		LOCATION <u>Hansong KS 4w 2 1/2 S</u>		COUNTY <u>Hodgeman</u>	STATE <u>Kansas</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>Winto</u>				

CONTRACTOR Duke Drilling Rig #9  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D.  
 CASING SIZE 8 5/8" DEPTH 1020.10  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 39.73 ft  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 62.44 bbls Freshwater  
 EQUIPMENT \_\_\_\_\_

OWNER _____			
CEMENT			
AMOUNT ORDERED	<u>350sk 60/40 6t.gel</u>		
	<u>34cc 1u flb</u>		
	<u>200yx class A 3tcc 2t.gel</u>		
COMMON	<u>200</u>	@ <u>16.25</u>	<u>3250.00</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>18</u>	@ <u>58.20</u>	<u>1047.60</u>
ASC		@	
	<u>350sk 60/40+6%</u>	@ <u>14.50</u>	<u>5075.00</u>
	<u>floucal 87</u>	@ <u>2.70</u>	<u>234.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>581</u>	@ <u>2.10</u>	<u>1221.80</u>
MILEAGE	<u>25.22 x 35</u>	@ <u>2.35</u>	<u>2074.34</u>
TOTAL			<u>12,988.64</u>

PUMP TRUCK CEMENTER Russell C  
 # 366 HELPER Ken E  
 BULK TRUCK  
 # 544-198 DRIVER Joc M  
 BULK TRUCK  
 # 492-241 DRIVER Vince P

REMARKS:

See cement log  
Plug Down 4:00pm

CHARGE TO: American Warrior  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>1020.10</u>	@	<u>1.60</u>	<u>1632.00</u>
PUMP TRUCK CHARGE	<u>1125.00</u>			
EXTRA FOOTAGE	<u>520</u>	@ <u>.95</u>	<u>494.00</u>	
MILEAGE	<u>Hum 35</u>	@ <u>7.00</u>	<u>245.00</u>	
MANIFOLD		@		
	<u>hum 35</u>	@ <u>4.00</u>	<u>140.00</u>	
		@		
TOTAL			<u>2004.00</u>	

PLUG & FLOAT EQUIPMENT

<u>1 Rubber Plug</u>	@ <u>112.00</u>	<u>112.00</u>
<u>1 Buffer Plug</u>	@ <u>112.00</u>	<u>112.00</u>
	@	
	@	
TOTAL		<u>224.00</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 A Emigdio Rojas  
 SIGNATURE A Emigdio Rojas  
Thank You!!

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 15,216.64  
 DISCOUNT 25% 3,804.16 IF PAID IN 30 DAYS  
11,412.48

# **Geological Report**

American Warrior, Inc.

**Korf #5-7**

2238' FSL & 2000' FEL

Sec. 7, T23s, R22w

Hodgeman County, Kansas



**American Warrior, Inc.**



## General Data

Well Data: American Warrior, Inc.  
Korf #5-7  
2238' FSL & 2000' FEL  
Sec. 7, T23s, R22w  
Hodgeman County, Kansas  
API # 15-083-21806-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: July 2, 2012

Completion Date: July 10, 2012

Elevation 2253' Ground Level  
2266' Kelly Bushing

Directions: From the NW side of Hanston, KS at the intersection of Hwy 156 and Bazine Rd North. Now go 4 miles SW on Hwy 156. Now go 1.4 miles South on 225 Rd to NE corner of section. Now go .6 miles South on 225 Rd and West into location.

Casing: #24 8 5/8" Surface casing set @ 1020 with 350 sacks 60/40 and 200 sacks class A, 6% gel, 3% c.c, 1/4 flo & 3% c.c, 2% gel. #15.5 5 1/2" Production casing set @ 4514 with 125 sacks EA-2.

Samples: 3750' to RTD 10' wet and dry,

Drilling Time: 3600' to RTD

Electric Logs: Pioneer "J. Long" Micro-stack

Drillstem Tests: One Trilobite Testing "Gary Pevoteaux"

Remarks: None

## Formation Tops

### Formation

Anhydrite

Base

Heebner

Lansing

Stark

BKC

Marmaton

Pawnee

Fort Scott

Cherokee

Mississippian

RTD

**American Warrior, Inc.**

**Korf #5-7**

**Sec. 7, T23s, R22w**

**2238' FSL & 2000' FEL**

**NA**

**NA**

**3797' -1531**

**3839' -1573**

**4115' -1849**

**4220' -1954**

**4242' -1979**

**4328' -2062**

**4390' -2124**

**4416' -2150**

**4466' -2200**

**4516' -2250**

**Drill Stem Tests**  
 Trilobite Testing Inc.  
 "Gary Pevoteaux"

**DST #1**

**Mississippian Warsaw**

Interval (4486' - 4495') Anchor Length 9'

IHP	- 2235 #	
IFP	- 45" – Weak to fair blow. Slow increase to 6".	20-83 #
ISI	- 45" – No Blow	1395 #
FFP	- 45" – Weak to fair blow. Slow increase to	89-116 #
FSIP	- 45" – No Blow	1377 #
FHP	- 2195 #	
BHT	- 126 ° F	

Recovery: 180' GIP  
 225' GCO (95% oil, 5% gas)  
 60' SMC GO (80% oil, 10% gas, 10% mud)

**Structural Comparison**

	American Warrior, Inc. Korf #5-7 Sec. 7, T23s, R22w 2238' FSL & 2000' FEL	American Warrior, Inc. Korf #3-7 Sec. 7, T23s, R22w 1600' FSL & 1542' FEL	
<b>Formation</b>			
Anhydrite	1369' +897	1364' +900	-3
Base	1415' +851	1402' +862	-11
Heebner	3797' -1531	3805' -1541	+10
Lansing	3864' -1598	3872' -1608	+25
Stark	4115' -1849	4118' -1854	+5
BKC	4220' -1954	4229' -1965	+11
Marmaton	4242' -1979	4248' -1984	+5
Pawnee	4328' -2062	4340' -2076	+14
Fort Scott	4390' -2124	4398' -2134	+10
Cherokee	4416' -2150	4424' -2160	+10
Mississippian	4466' -2200	4478' -2214	+14

## Summary

The location for the Korf #5-7 well was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted, which was positive. After all the gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Korf #5-7 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: Harley Sayles

### **Korf #5-7**

### **7-23s-22w Hodgeman,KS**

Start Date: 2012.07.08 @ 16:31:26

End Date: 2012.07.09 @ 00:50:11

Job Ticket #: 47578                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.18 @ 10:46:59



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Harley Sayles

**7-23s-22w Hodgeman,KS**  
**Korf #5-7**  
Job Ticket: 47578      **DST#: 1**  
Test Start: 2012.07.08 @ 16:31:26

## GENERAL INFORMATION:

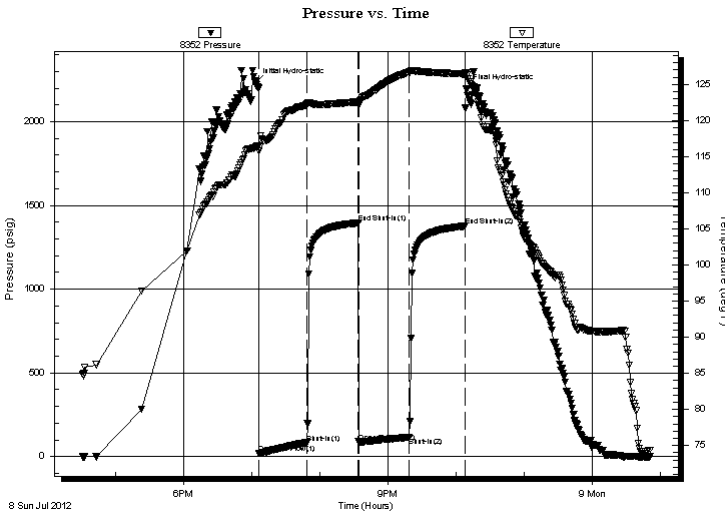
Formation: **Miss. Warsaw**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 19:06:26  
Time Test Ended: 00:50:11  
Interval: **4486.00 ft (KB) To 4495.00 ft (KB) (TVD)**  
Total Depth: 4495.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Gary Pevoteaux  
Unit No: 56  
Reference Elevations: 2266.00 ft (KB)  
2253.00 ft (CF)  
KB to GR/CF: 13.00 ft

## Serial #: 8352      Outside

Press @ Run Depth: 116.27 psig @ 4487.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.07.08      End Date: 2012.07.09      Last Calib.: 2012.07.09  
Start Time: 16:31:31      End Time: 00:50:10      Time On Btm: 2012.07.08 @ 19:03:26  
Time Off Btm: 2012.07.08 @ 22:08:41

TEST COMMENT: IF:Weak to fair blow . Slow increase to 6".  
IS:No blow .  
FF:Weak to fair blow . Slow increase to 6".  
FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.67	116.27	Initial Hydro-static
3	19.75	115.77	Open To Flow (1)
46	82.76	122.20	Shut-In(1)
91	1395.18	122.60	End Shut-In(1)
91	88.51	122.07	Open To Flow (2)
135	116.27	126.66	Shut-In(2)
185	1376.81	126.45	End Shut-In(2)
186	2194.98	126.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	WMC,GO 10%g 10%g 80%o	0.30
225.00	CGO 5%g 95%o	2.02
0.00	180 ft.of GIP	0.00

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Harley Sayles

**7-23s-22w Hodgeman, KS**  
**Korf #5-7**  
Job Ticket: 47578      **DST#: 1**  
Test Start: 2012.07.08 @ 16:31:26

**Tool Information**

Drill Pipe:	Length: 4294.00 ft	Diameter: 3.80 inches	Volume: 60.23 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: 61.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4486.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

C.O. Sub	1.00			4459.00	
Shut in tool	5.00			4464.00	
HMV	5.00			4469.00	
Jars	5.00			4474.00	
Safety Joint	3.00			4477.00	
Packer	4.00			4481.00	28.00      Bottom Of Top Packer
Packer	5.00			4486.00	
Stubb	1.00			4487.00	
Recorder	0.00	8370	Inside	4487.00	
Recorder	0.00	8352	Outside	4487.00	
Perforations	3.00			4490.00	
Bullnose	5.00			4495.00	9.00      Bottom Packers & Anchor

**Total Tool Length: 37.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc.

**7-23s-22w Hodgeman,KS**

PO Box 399  
Garden City KS 67846

**Korf #5-7**

Job Ticket: 47578

**DST#: 1**

ATTN: Harley Sayles

Test Start: 2012.07.08 @ 16:31:26

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38.1 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3400 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	WMC,GO 10%m 10%g 80%o	0.295
225.00	CGO 5%g 95%o	2.017
0.00	180 ft.of GIP	0.000

Total Length: 285.00 ft      Total Volume: 2.312 bbl

Num Fluid Samples: 0

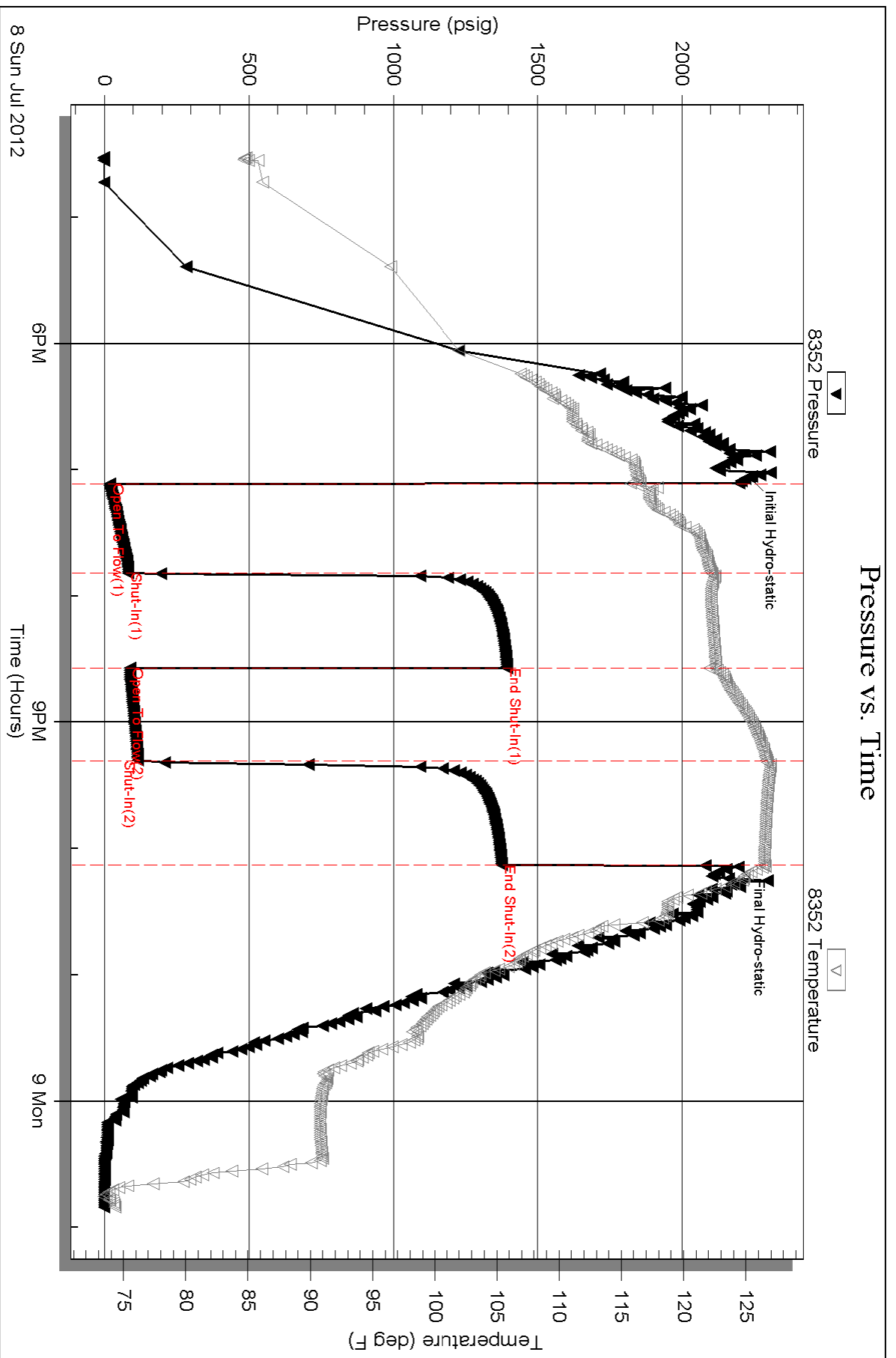
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



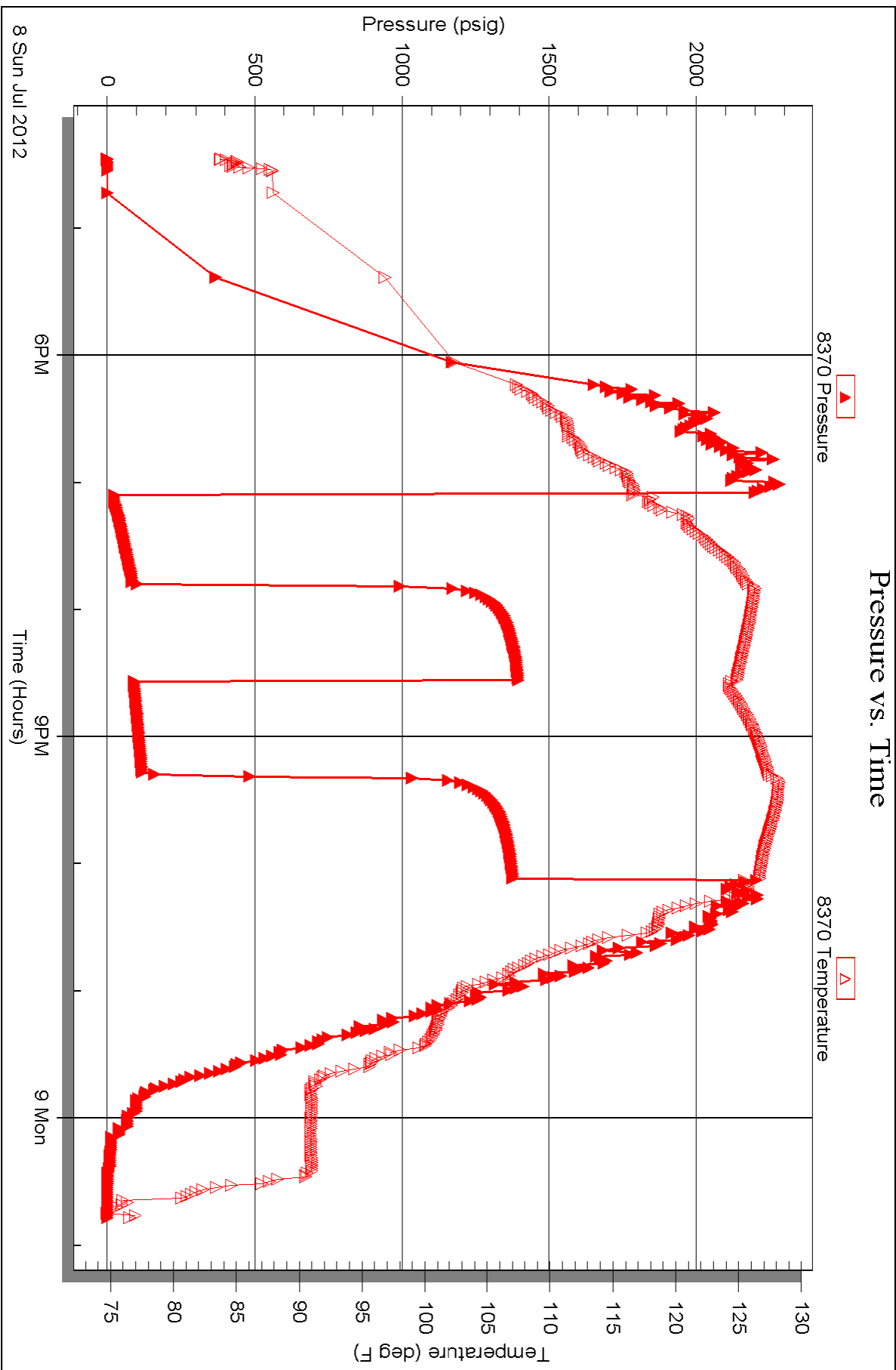
Serial #: 8370

Inside

American Warrior Inc.

Korf #5-7

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47578

Well Name & No. KORFE # 5-7 Test No. 1 Date 7-8-12  
 Company AMERICAN WARRIOR INC. Elevation 2266' KB 2253' GL  
 Address 318 CUMMINGS RD. P.O. Box 399, GARDEN CITY KS. 67846  
 Co. Rep / Geo. HARLEY SAYLES Rig DUKE DRUG. #9  
 Location: Sec. 7 Twp. 23S Rge. 22W Co. HODGEMAN State KS.

Interval Tested 4486 - 4495' Zone Tested MISS. WARSAW  
 Anchor Length 9' Drill Pipe Run 4294' Mud Wt. 9.3  
 Top Packer Depth 4481' Drill Collars Run 185' Vis 50  
 Bottom Packer Depth 4486' Wt. Pipe Run 0 WL 11.6cc  
 Total Depth 4495' Chlorides 3400 ppm System LCM 0

Blow Description IF: Weak to fair blow. Slow increase to 6". ISI: No blow

FF: Weak to fair blow. Slow increase to 6". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>Gas in pipe</u>				
<u>225</u>	<u>CGO</u>	<u>5</u>	<u>95</u>		
<u>60</u>	<u>SMC, GO</u>	<u>10</u>	<u>80</u>		<u>10</u>

Rec Total 285 Fluid BHT 126° Gravity 38.1 API RW N.C @ — °F Chlorides 3400 ppm

(A) Initial Hydrostatic 2235  Test 1250 T-On Location 1544  
 (B) First Initial Flow 20  Jars 250 T-Started 1631  
 (C) First Final Flow 83  Safety Joint 75 T-Open 1906  
 (D) Initial Shut-In 1395  Circ Sub T-Pulled 2205  
 (E) Second Initial Flow 89  Hourly Standby T-Out 0050  
 (F) Second Final Flow 116  Mileage (196) 303.80 Comments \_\_\_\_\_  
 (G) Final Shut-In 1377  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2195  Straddle \_\_\_\_\_

Initial Open 45  Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  
 Final Flow 45  Extra Recorder \_\_\_\_\_  
 Final Shut-In 45  Day Standby \_\_\_\_\_  
 Sub Total 1878.80  Accessibility \_\_\_\_\_  
 Sub Total 1878.80 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Gay P. [Signature]

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