



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1096366

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

_____-_____-_____- Feet from ☐ North / ☐ South Line of Section

_____-_____-_____- Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

☐ Letter of Confidentiality Received

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____



1096366

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 ☐ Yes ☐ No
 (Attach Additional Sheets)

 Samples Sent to Geological Survey ☐ Yes ☐ No

 Cores Taken ☐ Yes ☐ No

 Electric Log Run ☐ Yes ☐ No

 Electric Log Submitted Electronically ☐ Yes ☐ No
 (If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone				

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) (Submit ACO-4) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Irsik - Ness 1-32
Doc ID	1096366

Tops

Name	Top	Datum
Heebner	3876'	-1322
Lansing	3917'	-1363
Stark	4204	-1650
B/KC	4305'	-1751
Marmaton	4338'	-1784
Pawnee	4441'	-1887
Ft.Scott	4473	-1919
Cherokee	4495'	-1941
Mississippian	4587'	-2033

Trisk
Hess

ALLIED OIL & GAS SERVICES, LLC

053791

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Great Bend, KS

DATE <u>9-6-12</u>	SEC. <u>32</u>	TWP. <u>22S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00</u>	JOB FINISH <u>6:00</u>
LEASE <u>Trisk Hess</u>	WELL # <u>1-32</u>	LOCATION <u>Boeckers 135 1/2 W</u>	COUNTY <u>Wichita</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)		<u>Viato</u>			<u>Hodgeman</u>		<u>11.45</u>

CONTRACTOR Duke Drilling Rq #5
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D.
CASING SIZE 4 5/8 DEPTH 222.59
TUBING SIZE DEPTH
DRILL PIPE 1 1/2 DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15 ft
PERFS.
DISPLACEMENT 13.24 bbls Freshwater

OWNER

1.01

CEMENT

AMOUNT ORDERED 150 SKS Class A 3 1/2 cc 24 gel

COMMON	<u>150</u>	@ <u>17.90</u>	<u>2,685.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@ <u>64.00</u>	<u>320.00</u>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers
398 HELPER Trist Hall
BULK TRUCK
544-190 DRIVER Joel Monahan
BULK TRUCK
DRIVER

HANDLING	<u>142.09</u>	@ <u>2.48</u>	<u>351.38</u>
MILEAGE	<u>7.4 x 30 x</u>	<u>2.60</u>	<u>577.20</u>
	<u>122</u>		<u>TOTAL 4,654.38</u>

REMARKS:

Break circulation with polymer
pump 5 bbls Freshwater ahead
mix 150 SKS Class A 3 1/2 cc 24 gel
Displace 13.24 bbls Freshwater
94 hours in
Cement did circulate
Plug Down 10:00 pm
Prq Rosa

SERVICE

DEPTH OF JOB	<u>222</u>		
PUMP TRUCK CHARGE		<u>1512.25</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>Hvm 30</u>	@ <u>7.70</u>	<u>231.00</u>
MANIFOLD		@	
	<u>Hvm 30</u>	@ <u>4.40</u>	<u>132.00</u>

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

TOTAL 1,875.35

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) 229.10

TOTAL CHARGES 5,929.63

DISCOUNT 29% 1,719.59 IF PAID IN 30 DAYS

PRINTED NAME Kenneth McGuire

SIGNATURE Kenneth McGuire

Thank You!!

4,210.04

ALLIED OIL & GAS SERVICES, LLC 053798

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Great Bend, KS

DATE <u>9-14-12</u>	SEC <u>32</u>	TWP. <u>20S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30</u>	JOB FINISH <u>11:30</u>
LEASE <u>DRS-K-NESS</u>	WELL # <u>1-32</u>	LOCATION <u>Beeler, KS 135 1/2 mi Nint</u>			COUNTY <u>NESS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke Drilling Rig #5
TYPE OF JOB Rotary Plug
HOLE SIZE 12 1/4 T.D.
CASING SIZE 6 7/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1830
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. All
PERFS.
DISPLACEMENT Freshwater
EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers
398 HELPER Todd Isaac
BULK TRUCK
344-170 DRIVER Joel Monahan
BULK TRUCK
DRIVER

REMARKS:

Fill hole with Rig mud
1. 1830-50SKS
2. 1020-80SKS
3. 510-50SKS
4. 270-50SKS
5. 60-20SKS
BH. 30SKS
in H. 20SKS
Plug Run 11:00 pm

CHARGE TO: American Warrior INC
STREET
CITY STATE ZIP

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 KENNETH MCQUIRE

SIGNATURE X Kenneth McQuire

Thank You!!

OWNER
CEMENT
AMOUNT ORDERED 300SKS 607.01955A
404.002 47gel 1/4 flt
COMMON 180 @ 17.90 3.222.00
POZMIX 120 @ 9.35 1.122.00
GEL 10 @ 23.40 234.00
CHLORIDE @
ASC @
Flt Seal 75 @ 2.97 222.75
HANDLING 321.64 @ 2.48 797.71
MILEAGE 13.43 x 30 x 2.60 1047.54
TOTAL 6.646.00

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE 2249.84
EXTRA FOOTAGE @
MILEAGE Hvm 30 @ 7.70 231.00
MANIFOLD @
Lvm 30 @ 4.40 132.00

TOTAL 2.612.84

PLUG & FLOAT EQUIPMENT

@
@
@
@
@

TOTAL

SALES TAX (If Any) 583.31
TOTAL CHARGES 9.258.84
DISCOUNT 30% 2.777.65
IF PAID IN 30 DAYS
6.481.19

Geological Report

American Warrior, Inc.

Irsik-Ness #1-32

1128' FSL & 715' FWL

Sec. 32, T20s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Ness #1-32
1128' FSL & 715' FWL
Sec. 32, T20s, R26w
Ness County, Kansas
API # 15-135-25473-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: September 7, 2012

Completion Date: September 15, 2012

Elevation 2543' Ground Level
2554' Kelly Bushing

Directions: From Beeler, KS at intersection of Hwy 96 and C Rd South. Go 13 miles South on C Rd. Now go 1 miles West on County line. South through stake. Continue .9 miles West on lease road, and North into location.

Casing: #24 8 5/8" Surface casing set @ 222' with 150 sacks Class A, 3% c.c, 2% gel.

Samples: 3800' to RTD 10' wet and dry,

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Two Trilobite Testing "Jace McKinney"

Remarks: Failed packer on DST #1

Formation Tops

Formation

Anhydrite

Base

Heebner

Lansing

Stark

BKC

Marmaton

Pawnee

Fort Scott

Cherokee

Mississippian

RTD

American Warrior, Inc.

Irsik-Ness #1-32

Sec. 32, T20s, R26w

1128' FSL & 715' FWL

NA

NA

3876' -1322

3917' -1363

4204' -1650

4305' -1751

4338' -1784

4441' -1887

4473' -1919

4495' -1941

4587' -2033

4604' -2050

Sample Zone Descriptions

Mississippian Warsaw (4604' -2050): Covered in DST #2

Dolomite- Tan/Grey. Sub to medium crystalline. Poor vuggy porosity. No stain. Slight odor. No show of free oil.

Drill Stem Tests
Trilobite Testing Inc.
“Sam Esparza”

DST #1

Mississippian Warsaw

Interval (4505' – 4604') Anchor Length 99'

FAILED PACKER SEAT

IHP - 2359 #

FHP - 2245 #

BHT - 121 ° F

Recovery: NA

DST #2

Mississippian Warsaw

Interval (4597' – 4604') Anchor Length 7'

IHP - 2436 #

IFP - 45" – Built to 10" blow 20-144 #

ISI - 45" – No return 1356 #

FFP - 45" – Built to 8" blow 145-195 #

FSIP - 45" – No return 1355 #

FHP - 2246 #

BHT - 133° F

Recovery: 420' Water

Structural Comparison

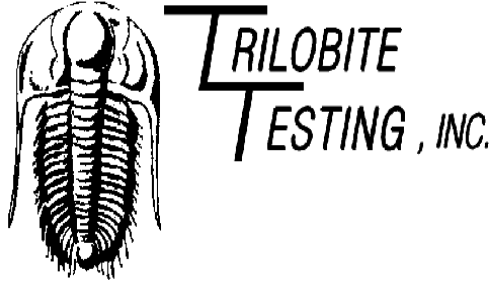
Formation	American Warrior, Inc.		American Warrior, Inc.		Oxford Exploration Co.	
	Irsik-Ness #1-32 Sec. 32, T20s, R26w 1128' FSL & 715' FWL		Robison #1-33 Sec. 33, T20s, R26w 1101' FNL & 1374' FWL		Schauvliege Trust #1 Sec. 32, T20s, R26w C SE NW	
Anhydrite	NA	NA	NA		1840' +736	NA
Base	NA	NA	NA		1872' +699	NA
Heebner	3876' -1322	+5	3815' -1327		3911' -1335	+13
Lansing	3917' -1363	+7	3858' -1370		3954' -1378	+15
Stark	4204' -1650	-	4138' -1650		4239' -1663	+13
BKC	4305' -1751	+5	4244' -1756		4336' -1760	+9
Marmaton	4338' -1784	+4	4276' -1788		4370' -1794	+10
Pawnee	4441' -1887	-15	4360' -1872		4467' -1891	-10
Fort Scott	4473' -1919	-11	4396' -1908		4492' -1916	-3
Cherokee	4495' -1941	-11	4418' -1930		4514' -1938	-3
Mississippian	4587' -2033	-26	4495' -2007		4597' -2021	-12

Summary

The location for the Irsik-Ness #1-32 well was found via 3-D seismic survey. The new well ran structurally low via the survey. Two drill stem test were conducted, which were negative. After all the gathered data had been examined the decision was made to plug and abandon the Irsik-Ness #1-32 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
PO Box 399
Garden City KS 67846

ATTN: Kevin Timson

Irsik-Ness #1-32

31-20s-26w Ness,KS

Start Date: 2012.09.13 @ 19:10:00

End Date: 2012.09.14 @ 02:00:15

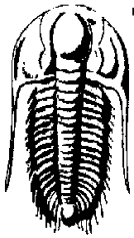
Job Ticket #: 48887 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.18 @ 11:09:32



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

31-20s-26w Ness, KS

Irsik-Ness #1-32

Job Ticket: 48887

DST#: 1

Test Start: 2012.09.13 @ 19:10:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 02:00:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 4505.00 ft (KB) To 4604.00 ft (KB) (TVD)

Total Depth: 4604.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2564.00 ft (KB)

2554.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press@RunDepth: psig @ ft (KB)

Start Date: 2012.09.13

End Date:

2012.09.14

Start Time: 19:10:15

End Time:

02:00:15

Capacity: 8000.00 psig

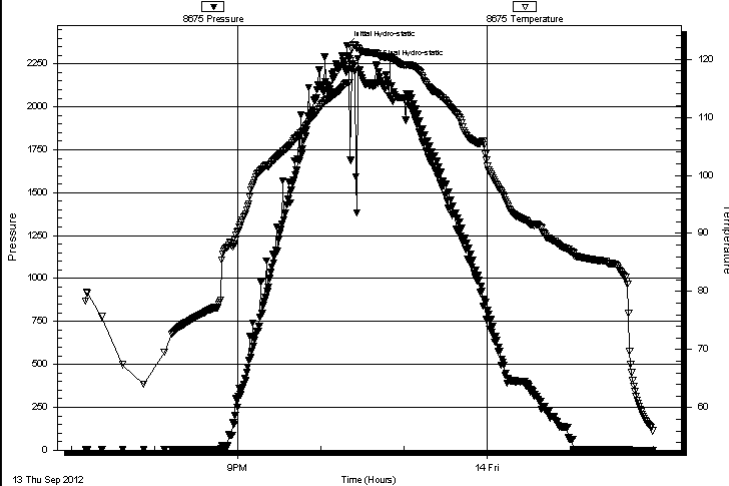
Last Calib.: 2012.09.14

Time On Btm: 2012.09.13 @ 22:19:00

Time Off Btm: 2012.09.13 @ 22:40:00

TEST COMMENT: Packers failed

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2358.55	116.00	Initial Hydro-static
21	2244.84	121.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1000.00	100% Mud	11.45

Gas Rates

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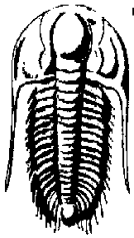


Test Start: 2012.09.13 @ 19:10:00

KB to GR/CF: 10.00 ft

Time Off Btm:

Printed: 2012.09.18 @ 11:09:34



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

31-20s-26w Ness,KS

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

Irsik-Ness #1-32

Job Ticket: 48887

DST#: 1

Test Start: 2012.09.13 @ 19:10:00

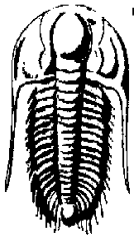
Tool Information

Drill Pipe:	Length:	4207.99 ft	Diameter:	3.80 inches	Volume:	59.03 bbl	Tool Weight:	2500.00 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:	282.83 ft	Diameter:	2.25 inches	Volume:	1.39 bbl	Weight to Pull Loose:	110000.0 lb
					Total Volume:	60.42 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		13.32 ft					String Weight: Initial	80000.00 lb
Depth to Top Packer:		4505.00 ft					Final	85000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		99.00 ft						
Tool Length:		126.50 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			4478.50	
Shut In Tool	5.00			4483.50	
Hydraulic tool	5.00			4488.50	
Jars	5.00			4493.50	
Safety Joint	2.50			4496.00	
Packer	5.00			4501.00	27.50 Bottom Of Top Packer
Packer	4.00			4505.00	
Stubb	1.00			4506.00	
Recorder	0.00	8675	Inside	4506.00	
Recorder	0.00	8650	Outside	4506.00	
Perforations	30.00			4536.00	
Change Over Sub	1.00			4537.00	
Drill Pipe	63.00			4600.00	
Change Over Sub	1.00			4601.00	
Bullnose	3.00			4604.00	99.00 Bottom Packers & Anchor

Total Tool Length: 126.50



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

31-20s-26w Ness, KS

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

Irsik-Ness #1-32

Job Ticket: 48887

DST#: 1

Test Start: 2012.09.13 @ 19:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 14.36 in³

Resistivity: ohm.m

Salinity: 3100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1000.00	100% Mud	11.451

Total Length: 1000.00 ft

Total Volume: 11.451 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

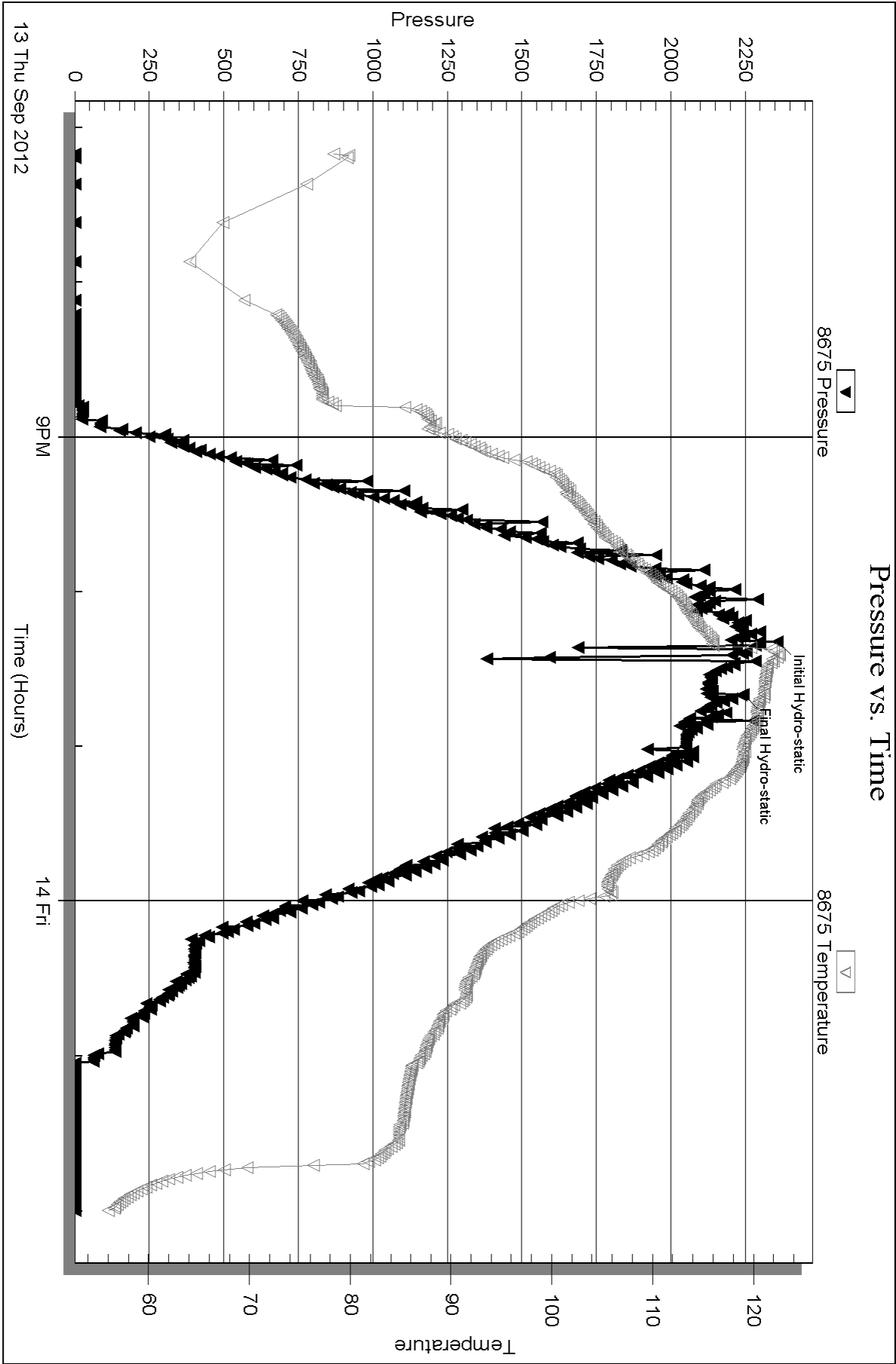
Serial #: 8675

Inside

American Warrior Inc

It'sik-Ness #1-32

DST Test Number: 1

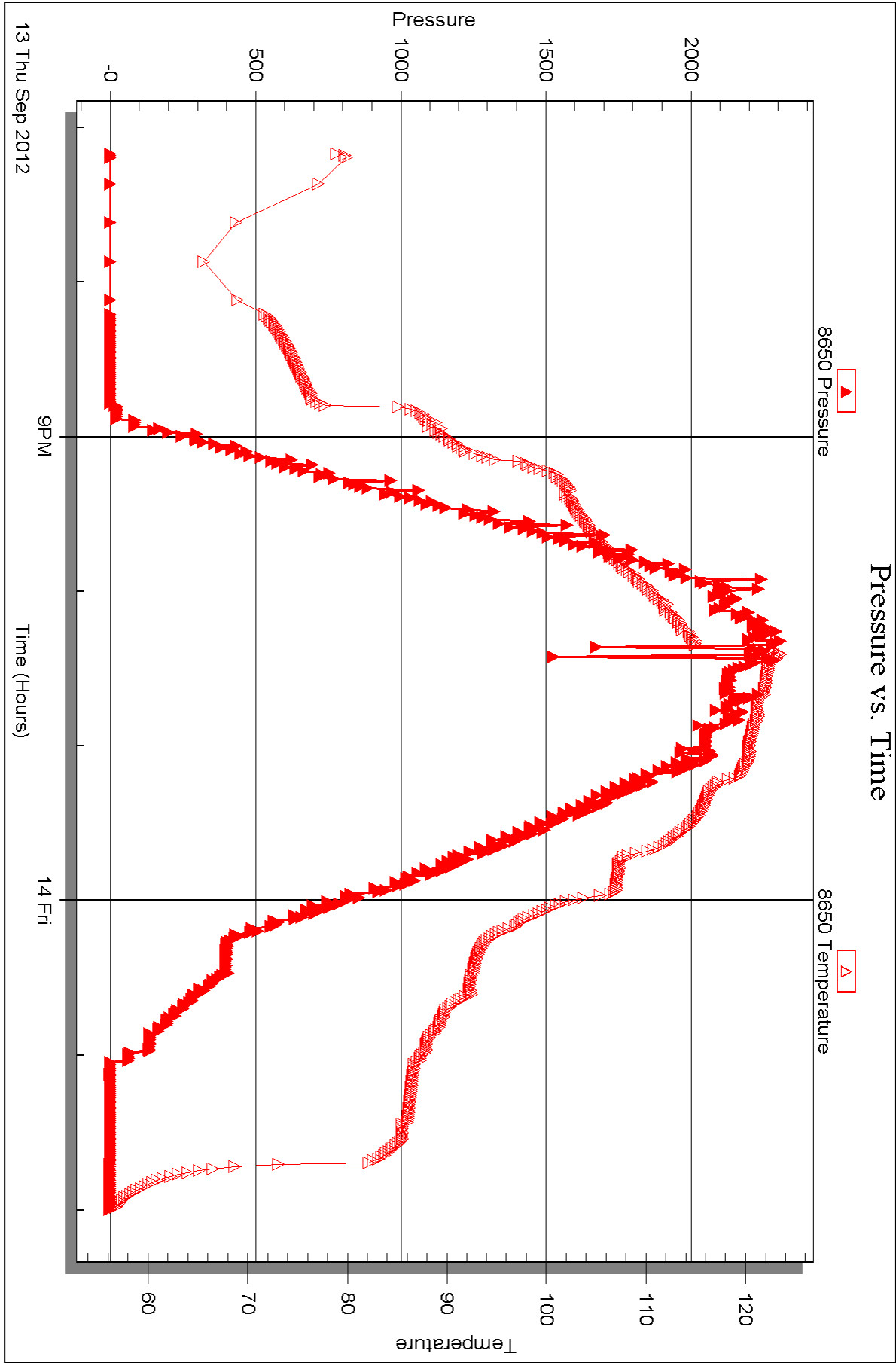


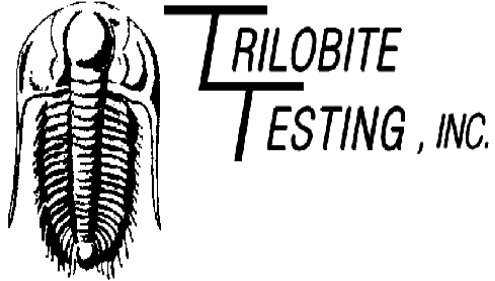
Serial #: 8650

Outside American Warrior Inc

It'sik-Ness #1-32

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
PO Box 399
Garden City KS 67846

ATTN: Kevin Timson

Irsik-Ness #1-32

31-20s-26w Ness,KS

Start Date: 2012.09.14 @ 02:25:55

End Date: 2012.09.14 @ 10:07:10

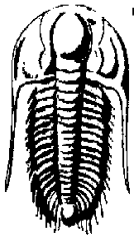
Job Ticket #: 48888 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.18 @ 11:08:39



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

31-20s-26w Ness, KS

Irsik-Ness #1-32

Job Ticket: 48888

DST#: 2

Test Start: 2012.09.14 @ 02:25:55

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:17:55

Time Test Ended: 10:07:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4597.00 ft (KB) To 4604.00 ft (KB) (TVD)

Reference Elevations: 2564.00 ft (KB)

Total Depth: 4604.00 ft (KB) (TVD)

2554.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press@RunDepth: 194.60 psig @ 4598.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.14

End Date:

2012.09.14

Last Calib.: 2012.09.14

Start Time: 02:26:10

End Time:

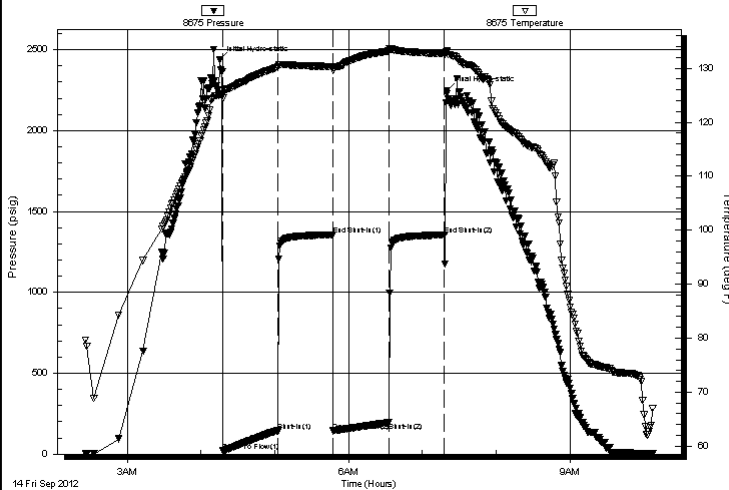
10:07:10

Time On Btm: 2012.09.14 @ 04:15:10

Time Off Btm: 2012.09.14 @ 07:19:55

TEST COMMENT: Built to 10" blow
No return blow
Built to 8" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2436.12	125.17	Initial Hydro-static
3	20.20	124.45	Open To Flow (1)
48	143.85	130.20	Shut-In(1)
92	1356.13	130.32	End Shut-In(1)
93	144.61	129.66	Open To Flow (2)
138	194.60	133.17	Shut-In(2)
183	1355.13	132.69	End Shut-In(2)
185	2246.16	133.15	Final Hydro-static

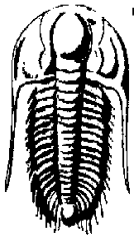
Recovery

Length (ft)	Description	Volume (bbl)
420.00	100% Water	3.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

31-20s-26w Ness,KS

Irsik-Ness #1-32

Job Ticket: 48888

DST#: 2

Test Start: 2012.09.14 @ 02:25:55

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:17:55

Time Test Ended: 10:07:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4597.00 ft (KB) To 4604.00 ft (KB) (TVD)

Reference Elevations: 2564.00 ft (KB)

Total Depth: 4604.00 ft (KB) (TVD)

2554.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 4598.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.14

End Date:

2012.09.14

Last Calib.:

2012.09.14

Start Time: 02:25:15

End Time:

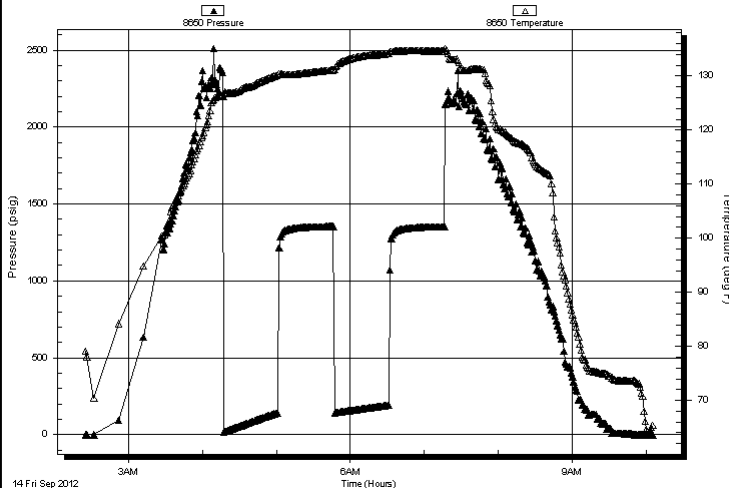
10:06:00

Time On Btm:

Time Off Btm:

TEST COMMENT: Built to 10" blow
No return blow
Built to 8" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

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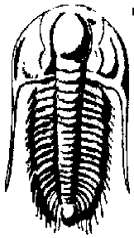
Recovery

Length (ft)	Description	Volume (bbl)
420.00	100% Water	3.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

31-20s-26w Ness,KS

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

Irsik-Ness #1-32

Job Ticket: 48888

DST#: 2

Test Start: 2012.09.14 @ 02:25:55

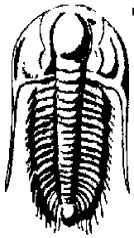
Tool Information

Drill Pipe:	Length:	4303.18 ft	Diameter:	3.80 inches	Volume:	60.36 bbl	Tool Weight:	2500.00 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:	282.83 ft	Diameter:	2.25 inches	Volume:	1.39 bbl	Weight to Pull Loose:	92000.00 lb
					Total Volume:	61.75 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		16.51 ft					String Weight: Initial	82000.00 lb
Depth to Top Packer:		4597.00 ft					Final	86000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		7.00 ft						
Tool Length:		34.50 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4570.50	
Shut In Tool	5.00			4575.50	
Hydraulic tool	5.00			4580.50	
Jars	5.00			4585.50	
Safety Joint	2.50			4588.00	
Packer	5.00			4593.00	27.50 Bottom Of Top Packer
Packer	4.00			4597.00	
Stubb	1.00			4598.00	
Recorder	0.00	8675	Inside	4598.00	
Recorder	0.00	8650	Outside	4598.00	
Perforations	3.00			4601.00	
Change Over Sub	0.00			4601.00	
Drill Pipe	0.00			4601.00	
Change Over Sub	0.00			4601.00	
Bullnose	3.00			4604.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.50



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

31-20s-26w Ness, KS

3118 Cummings Rd
PO Box 399
Garden City KS 67846
ATTN: Kevin Timson

Irsik-Ness #1-32

Job Ticket: 48888

DST#: 2

Test Start: 2012.09.14 @ 02:25:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 14.36 in³

Resistivity: ohm.m

Salinity: 3100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	100% Water	3.315

Total Length: 420.00 ft

Total Volume: 3.315 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

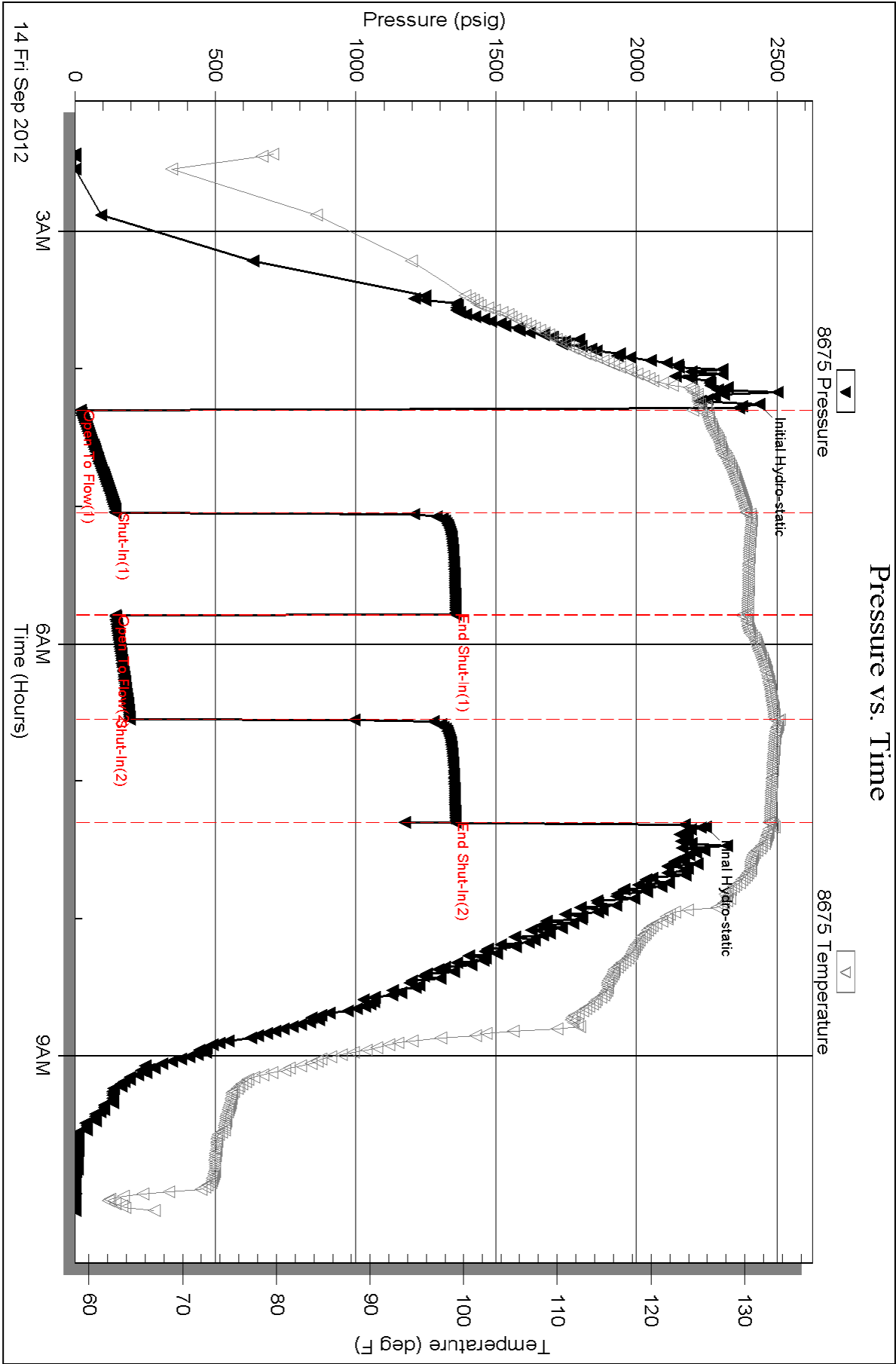
Serial #: 8675

Inside

American Warrior Inc

It'sik-Ness #1-32

DST Test Number: 2

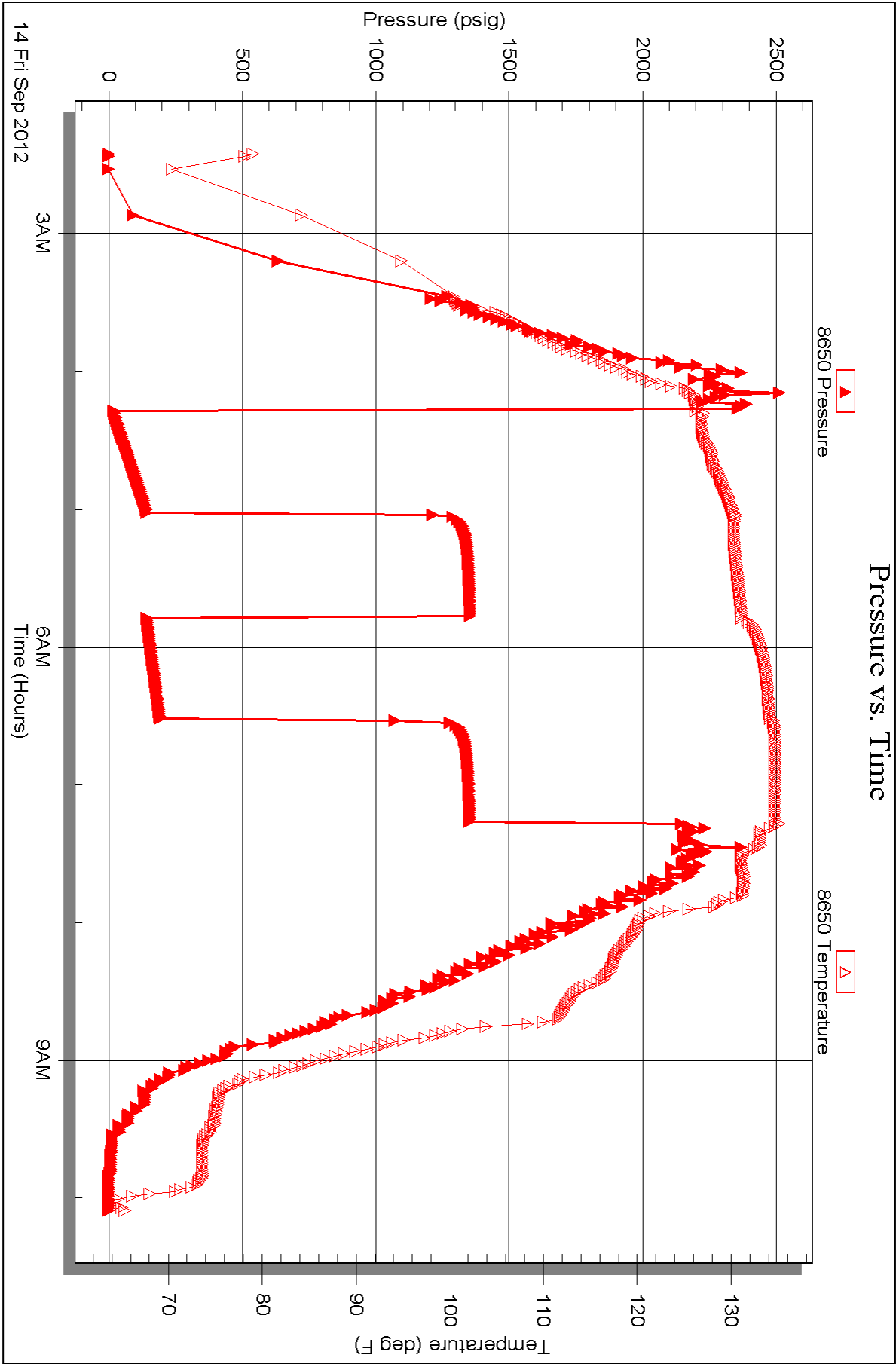


Serial #: 8650

Outside American Warrior Inc

It'sik-Ness #1-32

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48887

Well Name & No. Triobik 1-32 Test No. 1 Date 9/13/12 9/14/12
Company American Warrior Inc. Elevation 2564 KB 2554 GL
Address 3118 Cummings Rd P.O. box 399 Garden City KS 67846
Co. Rep / Geo. Kevin Timson Rig Duke 5
Location: Sec. 31 Twp. 20s Rge. 26w Co. Ness State KS

Interval Tested 4505-4604 Zone Tested Mississippian
Anchor Length 99 Drill Pipe Run 4207.99 Mud Wt. 9.5
Top Packer Depth 4501 Drill Collars Run 282.83 Vis 45
Bottom Packer Depth 4505 Wt. Pipe Run WL 14.4
Total Depth 4604 Chlorides 3,100 ppm System LCM Trace
Blow Description Packer Failure Set 25,000 on first. Pick up then
set 35 on. Then pick. Then tested one more time set
45,000. Then started pulling tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>1000</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 1,000 BHT 121 Gravity API RW @ F Chlorides ppm

(A) Initial Hydrostatic 2,359
(B) First Initial Flow
(C) First Final Flow
(D) Initial Shut-In
(E) Second Initial Flow
(F) Second Final Flow
(G) Final Shut-In
(H) Final Hydrostatic 2,245

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

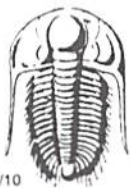
☒ Test 1050
☒ Jars 250
☒ Safety Joint 75
☒ Circ Sub N/C
☐ Hourly Standby
☒ Mileage 120 RT 186
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1561

T-On Location 17:50
T-Started 19:10
T-Open 22:19
T-Pulled 22:40
T-Out 2:00
Comments
☐ Ruined Shale Packer
☒ Ruined Packer 320
☐ Extra Copies
Sub Total 320
Total 1881
MP/DST Disc't

Approved By

Our Representative

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. 48888

Well Name & No. Irsik-Ness 1-32 Test No. 2 Date 9/14/12
 Company American Warrior Inc. Elevation _____ KB _____ GL _____
 Address 3118 Cummings Rd, PO Box 399, Garden City KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke 5
 Location: Sec. 31 Twp. 20S Rge. 26W Co. Ness State KS

Interval Tested 4597 - 4604 Zone Tested Mississippi
 Anchor Length 7 Drill Pipe Run 4303.18 Mud Wt. 9.5
 Top Packer Depth 4593 Drill Collars Run 282.83 Vis 45
 Bottom Packer Depth 4597 Wt. Pipe Run _____ WL 14.4
 Total Depth 4604 Chlorides 3100 ppm System LCM Trace

Blow Description Built to 10" below
No return below
Built to 8" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>420</u>	<u>Water</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 420 BHT 133 Gravity _____ API RW 50 @ 60 °F Chlorides 20,000 ppm
 (A) Initial Hydrostatic 2,436 ☒ Test 1250 T-On Location 2:00
 (B) First Initial Flow 20 ☒ Jars 250 T-Started 2:25
 (C) First Final Flow 144 ☒ Safety Joint 75 T-Open 4:17
 (D) Initial Shut-In 1,356 ☒ Circ Sub N/C T-Pulled 7:17
 (E) Second Initial Flow 145 ☐ Hourly Standby _____ T-Out 10:07
 (F) Second Final Flow 195 ☒ Mileage 120 RT 186 Comments _____
 (G) Final Shut-In 1,355 ☐ Sampler _____
 (H) Final Hydrostatic 2,246 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____

Initial Open 45 ☐ Ruined Shale Packer _____
 Initial Shut-In 45 ☐ Ruined Packer _____
 Final Flow 45 ☐ Extra Copies _____
 Final Shut-In 45 Sub Total 0
 Total 1761
 MP/DST Disc't _____
 Sub Total 1761

Approved By _____ Our Representative [Signature]
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