



KANSAS CORPORATION COMMISSION 1080318
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 # _____

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: _____



1080318

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 040960

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Outley

DATE <i>4-24-12</i>	SEC <i>20</i>	TWP. <i>10</i>	RANGE <i>28</i>	CALLED OUT	ON LOCATION <i>7:00 PM</i>	JOB START <i>9:00 PM</i>	JOB FINISH <i>10:30 PM</i>
DEAN STAW LEASE	WELL# <i>1-20</i>	LOCATION <i>Greenfield w Exit N To Dand</i>			COUNTY <i>Shawnee</i>	STATE <i>Ks</i>	
OLD OR <u>NEW</u> (Circle one)		<i>End 1E-3N-1W 1/2 N-E into</i>					

CONTRACTOR *Discovery*

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D. *4160*

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH *2335*

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *29.64*

EQUIPMENT

OWNER *Same*

CEMENT

AMOUNT ORDERED *6940 4% Gel*

1/4" Flo Seal

COMMON	<i>132 SKS</i>	@ <i>\$16.25</i>	<i>\$2145.00</i>
POZMIX	<i>88 SKS</i>	@ <i>\$8.50</i>	<i>\$748.00</i>
GEL	<i>8 SKS</i>	@ <i>\$21.25</i>	<i>\$170.00</i>
CHLORIDE		@	
ASC		@	
<i>Flo Seal</i>	<i>55 #</i>	@ <i>\$2.70</i>	<i>\$148.50</i>
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>236.27</i>	@ <i>\$2.00</i>	<i>\$472.54</i>
MILEAGE	<i>9.866 x 25 x</i>	@ <i>\$2.35</i>	<i>\$579.62</i>
TOTAL			<i>\$4270.23</i>

PUMP TRUCK CEMENTER *Darren R.*

423-281 HELPER *Tyler*

BULK TRUCK

404 DRIVER *Steve*

BULK TRUCK

DRIVER

REMARKS:

mix 25 SKS Cement 2335ft

mix 100 SKS Cement 1055ft

mix 40 SKS Cement 270ft

mix 10 SKS Cement 40ft

Plug Rat Hole 30 SKS Cement

Plug mouse Hole 15 SKS Cement

Thank You

CHARGE TO: *American Warrior*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *\$1250.00*

EXTRA FOOTAGE @

MILEAGE *25 miles* @ *\$7.00* *\$175.00*

MANIFOLD @

Lu milenge @ *\$4.00* *\$100.00*

TOTAL *\$1525.00*

PLUG & FLOAT EQUIPMENT

1 Top Wooden Plug @ *\$92.00*

TOTAL *\$92.00*

To Allied Cementing Co., 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

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE *Cliff Mayfield*

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: American Warrior - Dean Shaw #1-20
 Location: C-E2-W/2 Sec.20-10s-28w Sheridan Co., Kansas Region: Wildcat
 License Number: 4055 Spud Date: April 18 -2012 Drilling Completed: April 24 -2012
 Surface Coordinates: 2,610' From south line and 1,900' from west line.

Bottom Hole Coordinates: 2,600' From south line and 1,900' from west line
 Ground Elevation (ft): 2005' K.B. Elevation (ft): 2713'
 Logged Interval (ft): 3500' To: 4160' Total Depth (ft): 4160'
 Formation: Topokea - LKC - Mississippian
 Type of Drilling Fluid: Andys Mud and Chemical - Chemical

OPERATOR

Company: American Warrior
 Address: 3118 Cummings road
 PO Box 399
 Garden City, Kansas 67846

GEOLOGIST

Name: Pat Balthazor
 Company: Geo-Logic
 Address: 512 N 1st
 Stockton, Kansas 67669

Formations

Sample Tops	Log Tops
Anhydrite 2286 (+436)	2283 (+430)
Topeka 3594 (-881)	3591 (-878)
Heebner 3791 (-1078)	3788 (-1075)
LKC 3827 (-1114)	3822 (-1109)
Stark 4030 (-1317)	4028 (-1315)
BKC 4075 (-1362)	4072 (-1359)
Mississippi 4109 (-1396)	4107 (-1394)
TD 4160 (-1447)	4158 (-1445)

DSTs

DST #1 LKC "A & B" zones from 3826-3872
 30-30-30-30 Recovered 10' oil and 176; water.
 IFF:20-62 - FFP:67-98 - BHP:1162-1135 - BHT:115 deg.

Comments

Well was drilled by Discovery Drilling Rig #1
 Well was logged by Log-Tech Kenyon Bange was Engineer
 The Dean Shaw #1-20 was geologically and structurally sound throughout. It simply lacked the required porosities and permeabilities to be of commercial value.

ROCK TYPES

Anhy	Chst	Gyp	Mrlst	Shgy
Bent	Coal	Igne	Salt	Sstst
Brc	Congl	Lmst	Shale	Ss
Cht	Dol	Mta	Shcol	Tll

ACCESSORIES

MINERAL	Hypm	FOSSIL	Ostra	Sitstrg
Argbrn	Kaol	Algae	Pelec	Ssstrg
Arg	Marl	Amphib	Pollst	
Bent	Minxl	Beim	Pisilite	TEXTURE
Btl	Nodule	Biclst	Plant	Boundst
Brcfrag	Phos	Brcst	Strrom	Chalky
Calc	Pyr	Bryozoa	Stringer	Cryzlm
Carb	Salt	Coral	Anhy	Earthy
Chdk	Sandy	Crin	Arg	Finexin
Chitt	Silt	Echin	Bent	Grainst
Dol	Sulphur	Fish	Coal	Lithogr
Feldspar	Tuff	Foram	Dol	Mudst
Ferrel		Fossil	Cyp	Packet
Ferr		Gastro	Ls	Wackest
Glau		Oolite	Mrst	

OTHER SYMBOLS

POROSITY	Yuggy	ROUNDING	Spotted	EVENT
Earthy	Well	Rounded	Quies	Rft
Fenest	Moderate	Subrnd	Dead	Sidewall
Fracture	Poor	Subang	INTERVAL	
Inter		Angular	Core	
Modic		OIL SHOW	Dst	
Organic		Even		
Pinpoint				





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Cecial O'Brate

Dean Shaw

20-10s-28w Sheridan,KS

Start Date: 2012.04.22 @ 23:00:00

End Date: 2012.04.23 @ 05:18:00

Job Ticket #: 46061 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.27 @ 13:12:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

20-10s-28w Sheridan,KS

Dean Shaw

Job Ticket: 46061 **DST#: 1**
 Test Start: 2012.04.22 @ 23:00:00

GENERAL INFORMATION:

Formation: **LKC-A,B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:25:30
 Time Test Ended: 05:18:00
 Interval: **3826.00 ft (KB) To 3872.00 ft (KB) (TVD)**
 Total Depth: 3872.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Kreutzer Jr.
 Unit No: 61
 Reference Elevations: 2715.00 ft (KB)
 2705.00 ft (CF)
 KB to GR/CF: 10.00 ft

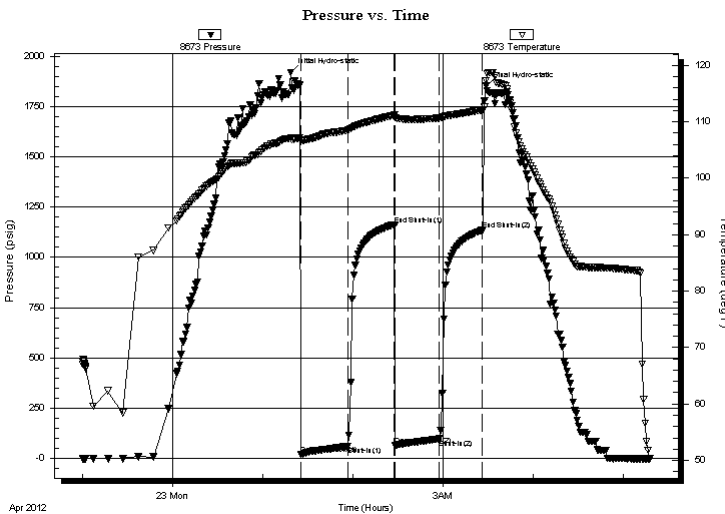
Serial #: 8673

Inside

Press @ Run Depth: 98.23 psig @ 3832.60 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.22 End Date: 2012.04.23 Last Calib.: 2012.04.23
 Start Time: 23:00:05 End Time: 05:17:59 Time On Btm: 2012.04.23 @ 01:18:30
 Time Off Btm: 2012.04.23 @ 03:28:30

TEST COMMENT: IF: Fair blow, Built to B.O.B in 25 mins.
 IS: No blow back over 30 mins.
 FF: Weak blow, Built to 7 in. over 30 mins.
 FS: No blow back over 30 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.21	107.15	Initial Hydro-static
7	19.66	106.57	Open To Flow (1)
38	61.81	108.52	Shut-In(1)
69	1162.09	111.12	End Shut-In(1)
70	66.78	110.75	Open To Flow (2)
99	98.23	110.67	Shut-In(2)
128	1134.87	112.10	End Shut-In(2)
130	1850.69	117.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
176.00	water-100%w	1.90
10.00	oil-100%o	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

20-10s-28w Sheridan,KS

Dean Shaw

Job Ticket: 46061

DST#: 1

Test Start: 2012.04.22 @ 23:00:00

GENERAL INFORMATION:

Formation: **LKC-A,B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:25:30

Time Test Ended: 05:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Interval: 3826.00 ft (KB) To 3872.00 ft (KB) (TVD)

Total Depth: 3872.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2715.00 ft (KB)

2705.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8791 Outside

Press @ Run Depth: psig @ 3832.60 ft (KB)

Start Date: 2012.04.22

End Date:

2012.04.23

Start Time: 23:00:05

End Time:

05:17:59

Capacity: 8000.00 psig

Last Calib.:

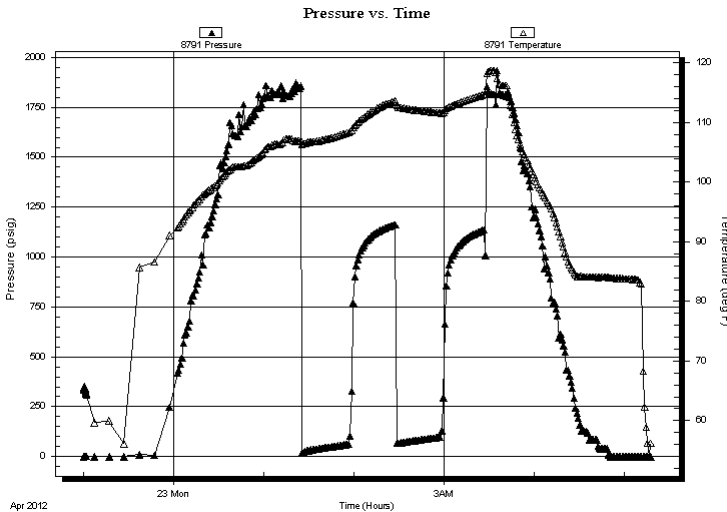
2012.04.23

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Fair blow, Built to B.O.B in 25 mins.
IS: No blow back over 30 mins.
FF: Weak blow, Built to 7 in. over 30 mins.
FS: No blow back over 30 mins.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
176.00	water-100%w	1.90
10.00	oil-100%o	0.14

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: Cecial O'Brate

20-10s-28w Sheridan,KS
Dean Shaw
Job Ticket: 46061 **DST#: 1**
Test Start: 2012.04.22 @ 23:00:00

Tool Information

Drill Pipe:	Length: 3769.00 ft	Diameter: 3.80 inches	Volume: 52.87 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 53.17 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3826.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.49 ft			
Tool Length:	66.49 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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Shut In Tool	5.00			3811.00	
Hydraulic tool	5.00			3816.00	
Packer	5.00			3821.00	20.00 Bottom Of Top Packer
Packer	5.00			3826.00	
Stubb	1.00			3827.00	
Perforations	5.00			3832.00	
Change Over Sub	0.60			3832.60	
Recorder	0.00	8673	Inside	3832.60	
Recorder	0.00	8791	Outside	3832.60	
Blank Spacing	31.29			3863.89	
Change Over Sub	0.60			3864.49	
Perforations	5.00			3869.49	
Bullnose	3.00			3872.49	46.49 Bottom Packers & Anchor

Total Tool Length: 66.49



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

20-10s-28w Sheridan,KS

PO Box 399
Garden City KS 67846

Dean Shaw

Job Ticket: 46061

DST#: 1

ATTN: Cecial O'Brate

Test Start: 2012.04.22 @ 23:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 55.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
176.00	water-100%w	1.904
10.00	oil-100%o	0.140

Total Length: 186.00 ft Total Volume: 2.044 bbl

Num Fluid Samples: 0

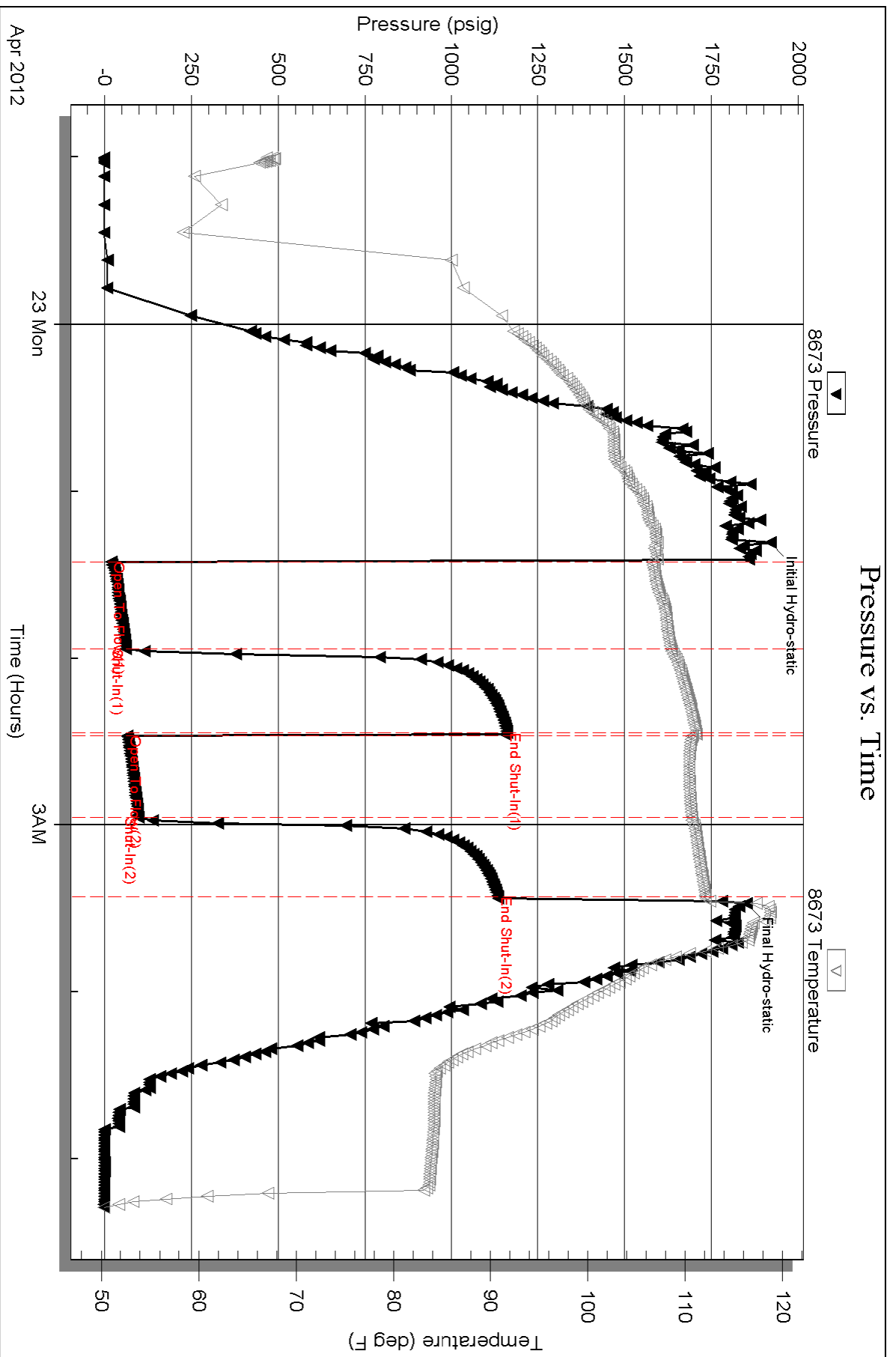
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

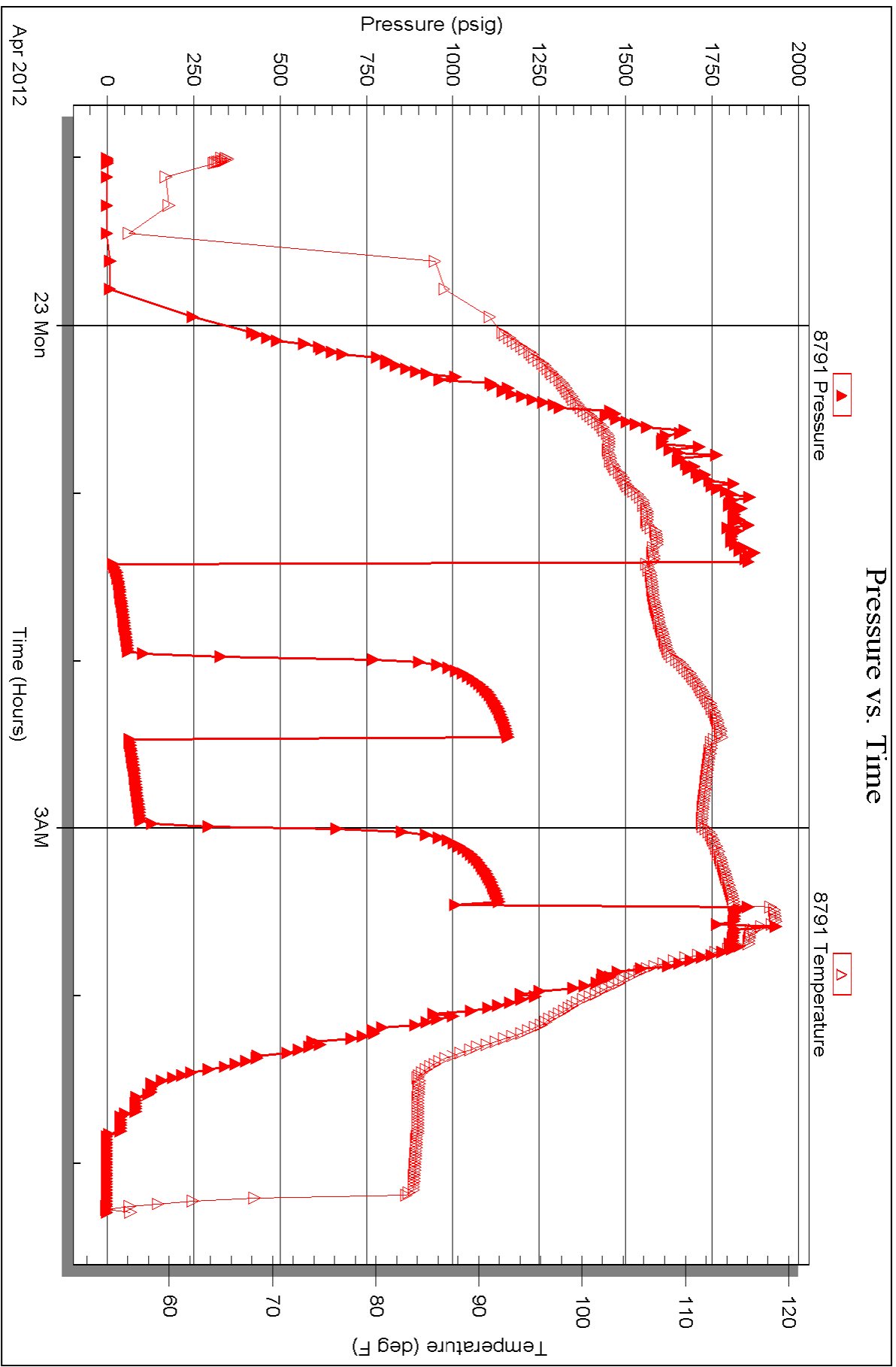


Serial #: 8791

Outside American Warrior Inc.

Dean Shaw

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2012

Test Ticket

NO. 46061

BY: _____

Well Name & No. Dean Show #1-20 Test No. 1 Date 4-22-2012
 Company American Warrior Inc. Elevation 2715 KB 2705 GL
 Address 3118 Campins Rd Garden City KS 67846
 Co. Rep / Geo. Cecil O'Brate Rig Discovery #1
 Location: Sec. 20 Twp. 10 Rge. 28 Co. Stensley State Ks

Interval Tested 3826 3872 Zone Tested LKc-A-B
 Anchor Length 46 Drill Pipe Run 3769 Mud Wt. 8.8
 Top Packer Depth 3821 Drill Collars Run 61 Vis 55
 Bottom Packer Depth 3826 Wt. Pipe Run -0- WL 8.0
 Total Depth 3872 Chlorides 1,000 ppm System LCM 2

Blow Description IF: Fair Blow, Built to B.O.B in 25 mins.
ISF: No blow back over 30ms.
FF: Fair blow built to 7 in over 20 mins.
FSI: No blow back over 30ms.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>oil</u>	<u>100</u>			
<u>176</u>	<u>water</u>		<u>100</u>		

Rec Total 186 BHT 115 Gravity 1.150 API RW @ 19:30 °F Chlorides 19:30 ppm
 (A) Initial Hydrostatic 1819 Test 1150 T-On Location 19:30
 (B) First Initial Flow 20 Jars T-Started 23:00
 (C) First Final Flow 62 Safety Joint T-Open 1:25
 (D) Initial Shut-In 1162 Circ Sub T-Pulled 3:15
 (E) Second Initial Flow 67 Hourly Standby T-Out 5:18
 (F) Second Final Flow 98 Mileage 60x2 = 120x1.55x2 Comments Had to do another short trip
 (G) Final Shut-In 1135 Sampler 186 = 372 3rd called out on 4-23-2012 to
 (H) Final Hydrostatic 1851 Straddle not changed mind stayed on hole
 Shale Packer and took tools on 4-24-12
 Extra Packer at 16.00
 Extra Recorder
 Day Standby 1 day + 10 3/4 hrs Sub Total 800
 Accessibility Total 2322
 Sub Total 1522 MP/DST Disc't _____

Approved By _____ Our Representative Chuck [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or lost 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.